



# Wissenschaftliche Publikationen

## Publikationsliste 2021 der Medizinischen und Chirurgischen Kliniken, der Abteilungen für Klinische Chemie und Biochemie, Intensivmedizin und Neonatologie, Anästhesie und Bild Diagnostik

### Artikel in wissenschaftlichen Zeitschriften

Accogli, Andrea, Wiegand, Gert, Scala, Marcello, et al, **Ramantani, Georgia** (2021): *Clinical and Genetic Features in Patients With Reflex Bathing Epilepsy*. Neurology 97 (6), e577-e586  
<https://doi.org/10.5167/uzh-213617>

Acierno, James S, Xu, Cheng, Papadakis, Georgios E, Niederländer, Nicolas J, Rademaker, Jesse D, Meylan, Jenny, Messina, Andrea, Kolesinska, Zofia, Quinton, Richard, **Lang-Muritano, Mariarosaria**, Bartholdi, Deborah, Halperin, Irene, De Geyter, Christian, Bouligand, Jérôme, Bartoloni, Lucia, Young, Jacques, Santoni, Federico A, Pitteloud, N (2020): *Pathogenic mosaic variants in congenital hypogonadotropic hypogonadism*. Genetics in Medicine 22 (11), 1759-1767  
<https://doi.org/10.5167/uzh-191230>

Adams, Mark, **Brotschi, Barbara**, Birkenmaier, André, Schwendener, Katharina, **Rathke, Verena**, Kleber, Michael, **Hagmann, Cornelia**, Swiss National Asphyxia and Cooling Register Group (2021): *Process variations between*

*Swiss units treating neonates with hypoxic-ischemic encephalopathy and their effect on short-term outcome*. Journal of Perinatology 41 (12), 2804-2812  
<https://doi.org/10.5167/uzh-205251>

Adams, Mark, Schulzke, Sven M, **Natalucci, Giancarlo**, Schneider, Juliane, Riedel, Thomas, Tolsa, Cristina Borradori, Pfister, Riccardo, Bassler, Dirk, Meyer, Philipp, Kutsche, Rachel, Mori, Andrea Capone, Kaeppli, Daniela, Schulzke, Sven M, Brotzmann, Marc, Ramelli, Gian Paolo, Goeggel, Barbara Simonetti, McDougall, Jane, Humpl, Tilman, Steinlin, Maja, Grunt, Sebastian, Gebauer, Mathias, Hassink, Ralph, Riedel, Thomas, Keller, Elmar, Killer, Christa, Blanchard, Gaelle, Pfister, Riccardo E, Hüppi, Petra S, Borradori-Tolsa, Cristina, Tolsa, Jean-François, Roth-Kleiner, Matthias, Bickle-Graz, Myriam, Stocker, Martin, Schmitt-Mechelke, Thomas, Bauder, Florian, Erkert, Bernd, Mueller, Anita, Ecoffey, Marc, Malzacher, Andreas, Rogdo, Bjarte, Lang-Dullenkopf, Anette, Hegi, Lukas, **von Rhein, Michael**, Bernet,

Vera, Tomaske, Maren, Bassler, Dirk, Arlettaz, Romaine, **Hagmann, Cornelia, Latal, Bea**, Etter, Ruth (2021): *Outcomes for Infants Born in Perinatal Centers Performing Fewer Surgical Ligations for Patent Ductus Arteriosus: A Swiss Population-Based Study*. Journal of Pediatrics 237, 213-220.e2  
<https://doi.org/10.5167/uzh-205255>

Ajdacic-Gross, Vladeta, Ajdacic, Lena, Xu, Yanhua, Müller, Mario, Rodgers, Stephanie, Wyss, Christine, Olbrich, Sebastian, Buadze, Anna, Seifritz, Erich, Wagner, En-Young N, Radovanovic, Dragana, von Wyl, Viktor, Steinemann, Nina, **Landolt, Markus A**, Castela, Enrique, Strippoli, Marie-Pierre F, Gholamrezaee, Mehdi M, Glaus, Jennifer, Vandeleur, Caroline, Preisig, Martin, von Känel, Roland (2021): *Backtracing persistent biomarker shifts to the age of onset: A novel procedure applied to men's and women's white blood cell counts in post-traumatic stress disorder*. Biomarkers in Neuropsychiatry 4, 100030  
<https://doi.org/10.5167/uzh-200798>

Akhbari Ziegler, Shirin, **von Rhein, Michael**, Meichtry, André, Wirz, Markus, Hielkema, Tjitske, Hadders-Algra, Mijna (2021): *The Coping with and Caring for Infants with Special Needs intervention was associated with improved motor development in preterm infants*. Acta Paediatrica 110 (4), 1189-1200  
<https://doi.org/10.5167/uzh-198361>

Albert, Michael H, Sirin, Mehtap, Hoenig, Manfred, Hauck, Fabian, Schuetz, Catharina, Bhattacharyya, Rajat, Stepensky, Polina, Jacoby, Elad, **Güngör, Tayfun**, Beier, Rita, Schulz, Ansgar (2021): *Salvage HLA-haploidentical hematopoietic stem cell transplantation with post-transplant cyclophosphamide for graft failure in non-malignant disorders*. Bone Marrow Transplantation 56 (9), 2248-2258  
<https://doi.org/10.5167/uzh-214389>

**Albrecht, Joëlle N, Werner, Helene**, Yaw, Mei Ling, **Jenni, Oskar G, Huber, Reto** (2021): *Teachers' preference for later school start times*. Journal of Sleep Research, e13534  
<https://doi.org/10.5167/uzh-213609>

**Ammann-Reiffer, Corinne, Keller, Urs, Kläy, Andrina, Meier, Lea, Van Hedel, Hubertus J A** (2021): *Do youths with neuromotor disorder and their therapists prefer a mixed or virtual reality head-mounted display?*. Journal of Rehabilitation Medicine - Clinical Communications 4, 1000072  
<https://doi.org/10.5167/uzh-214223>

Andel, Peter M, Chrysidis, Stavros, **Geiger, Julia**, Haaversen, Anne, Haugeberg, Glenn, Myklebust, Geirmund, Nielsen, Berit D, Diamantopoulos, Andreas (2021): *Diagnosing Giant Cell Arteritis: A Comprehensive Practical Guide for the Practicing Rheumatologist*. Rheumatology 60 (11), 4958-4971  
<https://doi.org/10.5167/uzh-205120>

Ardura-Garcia, Cristina, Cuevas-Ocaña, Sara, Freitag, Nadine, Kampouras, Asterios, King, John A, Kouis, Panayiotis, Mensink-Bout, Sara M, Whitehouse, Abigail L, Williams, Emma, Dassios, Theodore, Duijts, Liesbeth, Ersu, Refika H, Gaillard, Erol A, Horsley, Alex R, Proesmans, Marijke, Rottier, Robert, Schramm, Dirk, **Moeller, Alexander**, Pijnenburg, Mariëlle W (2021): *ERS International Congress 2020: highlights from the Paediatric Assembly*. ERJ Open Research 7, 00893-2020  
<https://doi.org/10.5167/uzh-216773>

Ashuntantang, Gloria, **Luyckx, Valerie Ann**, Naicker, Saraladevi, Venkatapuram, Sridhar (2021): *Reform of research funding processes could pave the way for progress in global health*. The Lancet Global Health 9 (8), e1053-e1054  
<https://doi.org/10.5167/uzh-208267>

Aubi, Oscar, Prestegård, Karina S, Jung-Kc, Kunwar, Shi, Tie-Jun Sten, Ying, Ming, Grindheim, Ann Kari, **Scherer, Tanja**, Ulvik, Arve, McCann, Adrian, Spriet, Endy, **Thöny, Beat**, Martinez, Aurora (2021): *The Pah-R261Q mouse reveals oxidative stress associated with amyloid-like hepatic aggregation of mutant phenylalanine hydroxylase*. Nature Communications 12, 2073  
<https://doi.org/10.5167/uzh-214630>

Azorsa, David O, Bode, Peter Karl, **Wachtel, Marco**, Cheuk, Adam Tai Chi, Meltzer, Paul S, Vokuhl, Christian, Camenisch, Ulrike, Khov, Huy Leng, Bode, Beata, **Schäfer, Beat W**, Khan, Javed (2021): *Immunohistochemical detection of PAX-FOXO1 fusion proteins in alveolar rhabdomyosarcoma using breakpoint specific monoclonal antibodies*. Modern Pathology 34 (4), 748-757  
<https://doi.org/10.5167/uzh-193493>

Bain, Robert, Cosgriff, Rebecca, Zampoli, Marco, Elbert, Alexander, Burgel, Pierre-Régis, Carr, Siobhán B, **Jung, Andreas**, et al (2021): *Clinical characteristics of SARS-CoV-2 infection in children with cystic fibrosis: An international observational study*. Journal of Cystic Fibrosis 20 (1), 25-30  
<https://doi.org/10.5167/uzh-195763>

Balduzzi, Adriana, Böni, Halvard, Jarisch, Andrea, Nava, Tiago, Ansari, Marc, et al **EBMT Pediatric Diseases Working Party** (2021): *ABO incompatible graft management in pediatric transplantation*. Bone Marrow Transplantation 56 (1), 84-90  
<https://www.zora.uzh.ch/id/eprint/217610/>

Balduzzi, Adriana, Böni, Halvard, Jarisch, Andrea, Nava, Tiago, Ansari, Marc, et al **EBMT Pediatric Diseases Working Party** (2021): *Correction: ABO incompatible graft management in pediatric transplantation*. Bone Marrow Transplantation 56 (1), 297  
<https://doi.org/10.5167/uzh-198525>

Bapistella, Sascha, Zirngibl, Matthias, **Buder, Kathrin**, Toulany, Nikan, **Laube, Guido F**, Weitz, Marcus (2021): *Prophylactic antithrombotic management in adult and pediatric kidney transplantation: A systematic review and meta-analysis*. Pediatric Transplantation 25 (4), e14021  
<https://doi.org/10.5167/uzh-217424>

Barra, Steffen, Mokros, Andreas, **Landolt, Markus A**, Bessler, Cornelia, Aebi, Marcel (2021): *Criminal recidivism and psychosocial adversity in offense-related subtypes of sexually abusive adolescents*. Journal of Sexual Aggression 27 (2), 185-203  
<https://www.zora.uzh.ch/id/eprint/192303/>

**Bartels, Lasse**, Sachser, Cedric, **Landolt, Markus A** (2021): *Age-related similarities and differences in networks of acute trauma-related stress symptoms in younger and older preschool children*. European Journal of Psychotraumatology 12 (1), 1948788  
<https://doi.org/10.5167/uzh-205850>

Bartkevcis, Maris, Hennig, Bert, **Güngör, Tayfun**, Ammann, Roland, Kadner, Alexander (2020): *Prolonged Pediatric Extracorporeal Membrane Oxygenation Support with Cardio-pulmonary Failure in Juvenile Myelomonocytic Leukemia*. Case Reports in Hematology 2020, 5696380  
<https://doi.org/10.5167/uzh-198555>

Basile, Carlo, Lomonte, Carlo, Combe, Christian, Covic, Adrian, Kirmizis, Dimitrios, Liakopoulos, Vassilios, **EUDIAL Working Group**, Mitra, Sandip (2021): *A call to optimize haemodialysis vascular access care in health-care disrupted by COVID-19 pandemic*. Journal of Nephrology 34 (2), 365-368  
<https://doi.org/10.5167/uzh-208273>

**Bättig, Linda, Rosch, Richard, Steindl, Katharina, Bürki, Sarah E, Ramantani, Georgia** (2021): *Sotos syndrome: a pitfall in the presurgical workup of temporal lobe epilepsy*. Epileptic Disorders 23 (3), 506-510  
<https://www.zora.uzh.ch/id/eprint/203932/>

**Bättig, Linda, Rosch, Richard Ewald, Steindl, Katharina, Bürki, Sarah Elisabeth, Ramantani, Georgia** (2021): *Sotos syndrome and the added value of genetic workup in epilepsy surgery*. Epilepsia Open 6 (4), 793-794  
<https://doi.org/10.5167/uzh-205564>

Bauer, Christoph, Quante, Meret, **Breunis, Willemijn B**, Regina, Carla, Schneider, Michaela, Andrieux, Geoffroy, Gorka, Oliver, Groß, Olaf, Boerries, Melanie, Kammerer, Bernd, Hettmer, Simone (2021): *Lack of Electron Acceptors Contributes to Redox Stress and Growth Arrest in Asparagine-Starved Sarcoma Cells*. Cancers 13 (3), 412  
<https://doi.org/10.5167/uzh-212925>

**Baumann, Philipp, Cannizzaro, Vincenzo** (2021): *Lung function assessment in critically ill children: craving for standardisation*. Current Opinion in Physiology 22, 100449  
<https://doi.org/10.5167/uzh-211746>

**Baumann, Philipp, Wiegert, Susanne, Greco, Francesco, Ersch, Jörg, Cannizzaro, Vincenzo** (2021): *Strain-specific differences in lung tissue viscoelasticity of mechanically ventilated infant Sprague Dawley and Wistar rats*. Ameri-

can Journal of Physiology. Lung Cellular and Molecular Physiology 320 (2), L220-L231  
<https://www.zora.uzh.ch/id/eprint/197531/>

**Bellotti, Cristina**, Lång, Kristina, Kuplennik, Nataliya, Sosnik, Alejandro, **Steinfeld, Robert** (2021): *High-grade extracellular vesicles preparation by combined size-exclusion and affinity chromatography*. Scientific Reports 11, 10550  
<https://doi.org/10.5167/uzh-213754>

Benson, Matthew D, Plemel, David J A, Freund, Paul R, Lewis, James R, Sass, Jörn Oliver, **Bähr, Luzy, Gemperle-Britschgi, Corinne**, Ferreira, Patrick, MacDonald, Ian M (2021): *Severe retinal degeneration in a patient with Canavan disease*. Ophthalmic Genetics 42 (1), 75-78  
<https://doi.org/10.5167/uzh-197037>

Benzing, Valentin, Siegwart, Valerie, Spitz-hüttl, Janine, Schmid, Jürg, **Grotzer, Michael**, Roebers, Claudia M, Steinlin, Maja, Leibundgut, Kurt, Everts, Regula, Schmidt, Mirko (2021): *Motor ability, physical self-concept and health-related quality of life in pediatric cancer survivors*. Cancer Medicine 10 (5), 1860-1871  
<https://doi.org/10.5167/uzh-212954>

**Bergsträsser, Eva** (2021): *Palliative Care bei Kindern und Jugendlichen*. Pflegerecht: Pflege in Politik, Wissenschaft und Ökonomie (2), 112-115  
<https://doi.org/10.5167/uzh-209795>

Besse, Lenka, Besse, Andrej, Kraus, Mari- anne, Maurits, Elmer, Overkleeft, Herman S, **Bornhauser, Beat C, Bourquin, Jean-Pierre**, Driessen, Christoph (2021): *High Immuno- proteasome Activity and sXBP1 in Pediatric Precursor B-ALL Predicts Sensitivity towards Proteasome Inhibitors*. Cells 10 (11), 2853  
<https://doi.org/10.5167/uzh-213012>

Bhansali, Rahul S, Rammohan, Malini, Lee, Paul, Laurent, Anouchka P, Wen, Qiang, Sur- aneni, Praveen, Yip, Bon Ham, **Tsai, Yi-Chien, Jenni, Silvia, Bornhauser, Beat**, Siret, Aurélie, Fruit, Corinne, Pacheco-Benichou, Alexandra, Harris, Ethan, Besson, Thierry, Thompson, Benjamin J, Goo, Young Ah, Hijjiya, Nobuko, Vilenchik, Maria, Israeli, Shai, **Bourquin, Jean-Pierre**, Malinge, Sébastien, Crispino, John D (2021): *DYRK1A regulates B cell acute lymphoblastic leukemia through phosphorylation of FOXO1 and STAT3*. Journal of Clinical Investigation 131 (1), 131  
<https://doi.org/10.5167/uzh-213003>

Bierbaumer, Lisa, Katschnig, Anna M, Radic-Sarikas, Branka, Kauer, Maximilian O, Petro, Jeffrey A, Högler, Sandra, Gurnhofer, Elisabeth, **Pedot, Gloria, Schäfer, Beat W**,

Schwentner, Raphaela, Mühlbacher, Karin, Kromp, Florian, Aryee, Dave N T, Kenner, Lukas, Uren, Aykut, Kovar, Heinrich (2021): *YAP/TAZ inhibition reduces metastatic potential of Ewing sarcoma cells*. Oncogenesis 10, 2  
<https://doi.org/10.5167/uzh-197438>

Bigi, Sandra, **Hackenberg, Annette** (2021): *Multiple Sklerose bei Kindern und Jugendlichen – Neue Therapien und wichtige Differentialdiag- nosen*. Paediatrica 32 (3), 21-24  
<https://doi.org/10.5167/uzh-213740>

Bischoff, Adrienne R, **Grass, Beate**, Fan, Chun-Po Steve, Tomlinson, Christopher, Lee, Kyong-Soon (2021): *Risk factors for postope- rative hyperglycemia in neonates*. Journal of Neonatal-Perinatal Medicine 14 (2), 183-191  
<https://www.zora.uzh.ch/id/eprint/202831/>

Blankenberger, Jacob, Haile, Sarah R, Puhan, Milo A, **Berger, Christoph**, Radtke, Thomas, Kriemler, Susi, Ulytè, Agnè (2021): *Prediction of Past SARS-CoV-2 Infections: A Prospective Cohort Study Among Swiss Schoolchildren*. Frontiers in Pediatrics 9, 710785  
<https://doi.org/10.5167/uzh-211536>

Bodis, Sandor, **Kroiss, Sabine, Tchinda, Joelle**, Fritz, Christine, Wagner, Ulrich, Bode, Peter Karl (2021): *Myoepithelial Carcinoma of Soft Tissue With an EWSR1-KLF15 Gene Fusion in an Infant*. Pediatric and Developmental Pathology 24 (4), 371-377  
<https://doi.org/10.5167/uzh-205579>

**Bölsterli, Bigna K, Steindl, Katharina, Kott- ke, Raimund, Steinfeld, Robert, Boltshauser, Eugen** (2021): *Lissencephaly with Brainstem Hypoplasia and Dysplasia: Think MACF1*. Neuropediatrics 52 (03), 227  
<https://doi.org/10.5167/uzh-200625>

**Bölsterli, Bigna K, Boltshauser, Eugen**, Dis- telmaier, Felix, Geis, Tobias, Klabunde-Cher- won, Annick, **Kottke, Raimund**, Makowski, Christine, Mayr, Johannes A, **O’Gorman Tuura, Ruth L**, Prokisch, Holger, Steinbruecker, Kat- ja, **Steinfeld, Robert**, Syrbe, Steffen, Wagner, Matias, Ziegler, Andreas, Wortmann, Saskia (2021): *Mitochondrial Transporter Defects: Suc- cessful Treatment with Ketogenic Diet Therapy*. Neuropediatrics 52, S1-S53  
<https://www.zora.uzh.ch/id/eprint/213727/>

Bonner, Erin R, Waszak, Sebastian M, **Grotzer, Michael A, Mueller, Sabine, Nazarian, Javad** (2021): *Mechanisms of imipridones in targeting mitochondrial metabolism in cancer cells*. Neuro-Oncology 23 (4), 542-556  
<https://www.zora.uzh.ch/id/eprint/195882/>

Born, Sebastian, Dame, Christof, Matthäus- Krämer, Claudia, **Schlapbach, Luregn J**, Reichert, Felix, Schettler, Anna, Schwarzkopf, Daniel, Thomas-Rüddel, Daniel, Proquitté, Hans, Reinhart, Konrad, Fleischmann- Struzek, Carolin (2021): *Epidemiology of Sepsis Among Children and Neonates in Germany: Results From an Observational Study Based on Nationwide Diagnosis-Related Groups Data Between 2010 and 2016*. Critical Care Medicine Publish, Epub ahead of print  
<https://www.zora.uzh.ch/id/eprint/201750/>

**Bornhauser, Beat C, Bourquin, Jean-Pierre** (2021): *A Hopeful Leap Forward by Multicentric Cooperation for Precision-Based Therapy for Very Resistant, Relapsed, or Refractory Childhood Leukemia*. Cancer Discovery 11 (6), 1322-1323  
<https://doi.org/10.5167/uzh-213016>

**Bösch, Florin, Landolt, Markus A, Baumgart- ner, Matthias R, Zeltner, Nina**, et al, **Huemer, Martina** (2021): *Health-related quality of life in paediatric patients with intoxication-type inborn errors of metabolism: Analysis of an internati- onal data set*. Journal of Inherited Metabolic Disease 44 (1), 215-225  
<https://www.zora.uzh.ch/id/eprint/190289/>

Bosticardo, Marita, Pala, Francesca, Calzoni, Enrica, et al, **Güngör, Tayfun** (2020): *Artificial thymic organoids represent a reliable tool to study T-cell differentiation in patients with severe T-cell lymphopenia*. Blood advances 4 (12), 2611-2616  
<https://doi.org/10.5167/uzh-214395>

**Both, Christian P, Diem, Birgit, Alonso, Elena, Kemper, Michael, Weiss, Markus, Schmidt, Alexander R, Deisenberg, Markus, Thomas, Jörg** (2021): *Rabbit training model for establishing an emergency front of neck airway in children*. British Journal of Anaesthesia 126 (4), 896-902  
<https://www.zora.uzh.ch/id/eprint/206878/>

Bozaci, Ayse Ergul, Er, Esra, Yazıcı, Havva, Canda, Ebru, Kalkan Uçar, Sema, Güvenc Saka, Merve, Eraslan, Cenk, Onay, Hüseyin, Habif, Sara, **Thöny, Beat**, Coker, Mahmut (2021): *Tetrahydrobiopterin deficiencies: Lesson from clinical experience*. JIMD Reports 59 (1), 42-51  
<https://doi.org/10.5167/uzh-214628>

**Brack, Eva**, Bender, Sabine, **Wachtel, Marco**, Pruschy, Martin, **Schäfer, Beat W** (2021): *Fenretinide Acts as Potent Radosensitizer for Treatment of Rhabdomyosarcoma Cells*. Frontiers in Oncology 11, 664462  
<https://doi.org/10.5167/uzh-208734>

Brivio, Erica, Chantrain, Christophe F, Gruber, Tanja A, Thano, Adriana, Rialland, Fanny, Contet, Audrey, Elitzur, Sarah, Dalla-Pozza, Luciano, Kállay, Krisztián Miklós, Li, Chi-Kong, Kato, Motohiro, Markova, Inna, Schmiegelow, Kjeld, **Bodmer, Nicole**, Breese, Erin H, Hoogendijk, Raoull, Pieters, Rob, Zwaan, Christian Michel (2021): *Inotuzumab ozogamicin in infants and young children with relapsed or refractory acute lymphoblastic leukaemia: a case series*. British Journal of Haematology 193 (6), 1172-1177  
<https://www.zora.uzh.ch/id/eprint/212930/>

Brügger, Melanie, Démoulins, Thomas, Barut, G Tuba, Zumkehr, Beatrice, Oliveira Esteves, Blandina I, Mehinagic, Kemal, Haas, Quentin, Schögler, Aline, Rameix-Welti, Marie-Anne, Eléouët, Jean-François, **Moehrlen, Ueli**, Marti, Thomas M, Schmid, Ralph A, Summerfield, Artur, Posthaus, Horst, Ruggli, Nicolas, Hall, Sean R R, Alves, Marco P (2021): *Pulmonary mesenchymal stem cells are engaged in distinct steps of host response to respiratory syncytial virus infection*. PLoS Pathogens 17 (7), e1009789  
<https://doi.org/10.5167/uzh-216167>

Budts, Werner, Miller, Owen, Babu-Narayan, Sonya V, Li, Wei, **Valsangiacomo Buechel, Emanuela**, Frigiola, Alessandra, van den Bosch, Annemien, Bonello, Beatrice, Mertens, Luc, Hussain, Tarique, Parish, Victoria, Habib, Gilbert, Edvardsen, Thor, Geva, Tal, Roos-Hesselink, Jolien W, Hanseus, Katarina, Dos Subira, Laura, Baumgartner, Helmut, Gatzoulis, Michael, Di Salvo, Giovanni (2021): *Imaging the adult with simple shunt lesions: position paper from the EACVI and the ESC WG on ACHD. Endorsed by AEPC (Association for European Paediatric and Congenital Cardiology)*. European Heart Journal. Cardiovascular Imaging 22 (6), e58-e70  
<https://doi.org/10.5167/uzh-212841>

Buettcher, Michael, **Trueck, Johannes**, Niederer-Loher, Anita, Heining, Ulrich, Agyeman, Philipp, Asner, Sandra, **Berger, Christoph**, Bielicki, Julia, Kahlert, Christian, Kottanattu, Lisa, **Meyer Sauter, Patrick M, Paioni, Paolo**, Posfay-Barbe, Klara, **Relly, Christa**, Ritz, Nicole, Zimmermann, Petra, Zucol, Franziska, **Gobet, Rita**, Shavit, Sandra, Rudin, Christoph, **Laube, Guido**, von Vigier, Rodo, Neuhaus, Thomas J (2021): *Correction to: Swiss consensus recommendations on urinary tract infections in children*. European Journal of Pediatrics 180 (3), 675-677  
<https://doi.org/10.5167/uzh-192847>

Buettcher, Michael, **Trueck, Johannes**, Niederer-Loher, Anita, Heining, Ulrich, Agyeman, Philipp, Asner, Sandra, **Berger,**

**Christoph**, Bielicki, Julia, Kahlert, Christian, Kottanattu, Lisa, **Meyer Sauter, Patrick M, Paioni, Paolo**, Posfay-Barbe, Klara, **Relly, Christa**, Ritz, Nicole, Zimmermann, Petra, Zucol, Franziska, **Gobet, Rita**, Shavit, Sandra, Rudin, Christoph, **Laube, Guido**, von Vigier, Rodo, Neuhaus, Thomas J (2021): *Swiss consensus recommendations on urinary tract infections in children*. European Journal of Pediatrics 180 (3), 663-674  
<https://doi.org/10.5167/uzh-193187>

Buhler, Stéphane, Baldomero, Helen, Ferrari-Lacraz, Sylvie, Mamez, Anne-Claire, Masouridi-Levrat, Stavroula, Heim, Dominik, Halter, Jörg, Nair, Gayathri, Chalandon, Y, Schanz, Urs, **Güngör, Tayfun**, Nicoloso, Grazia, Passweg, Jakob R, Villard, Jean (2021): *Analysis of biological models to predict clinical outcomes based on HLA-DPB1 disparities in unrelated transplantation*. Blood advances 5 (17), 3377-3386  
<https://doi.org/10.5167/uzh-207405>

Burelo, Karla, Sharifshazileh, Mohammadali, **Krayenbühl, Niklaus, Ramantani, Georgia**, Indiveri, Giacomo, Sarnthein, Johannes (2021): *A spiking neural network (SNN) for detecting high frequency oscillations (HFOs) in the intraoperative ECoG*. Scientific Reports 11, 6719  
<https://doi.org/10.5167/uzh-202041>

Burlina, Alberto, Giuliani, Antonella, Polo, Giulia, Guerardi, Daniela, Gragnaniello, Vincenza, Cazzorla, Chiara, Opladen, Thomas, Hoffmann, Georg, **Blau, Nenad**, Burlina, Alessandro P (2021): *Detection of 3-O-methyldopa in dried blood spots for neonatal diagnosis of aromatic L-amino-acid decarboxylase deficiency: The northeastern Italian experience*. Molecular Genetics and Metabolism 133 (1), 56-62  
<https://www.zora.uzh.ch/id/eprint/214280/>

Butler, Miriam, van Ingen Schenau, Dorette S, Yu, Jiangyan, **Jenni, Silvia, Dobay, Maria P**, Hagelaar, Rico, Vervoort, Britt M T, Tee, Trisha M, Hoff, Fieke W, Meijerink, Jules P, Kornblau, Steven M, **Bornhauser, Beat, Bourquin, Jean-Pierre**, Kuiper, Roland P, van der Meer, Laurens T, van Leeuwen, Frank N (2021): *BTK inhibition sensitizes acute lymphoblastic leukemia to asparaginase by suppressing the amino acid response pathway*. Blood 138 (23), 2383-2395  
<https://doi.org/10.5167/uzh-213011>

**Bürgler, Christina, Weibel, Lisa, Schwieger-Briel, Agnes, Knöpfel, Nicole, Luchsinger, Isabelle, Theiler, Martin** (2021): *Gianotti-Crosti syndrome-like reaction to molluscum contagiosum-Clinical characteristics and*

*response to treatment*. JDDG - Journal der Deutschen Dermatologischen Gesellschaft 19 (12), 1746-1751  
<https://doi.org/10.5167/uzh-215809>

**Callaghan, Fraser M, Burkhardt, Barbara, Valsangiacomo Buechel, Emanuela R, Kellenberger, Christian J, Geiger, Julia** (2021): *Assessment of ventricular flow dynamics by 4D-flow MRI in patients following surgical repair of d-transposition of the great arteries*. European Radiology 31 (10), 7231-7241  
<https://doi.org/10.5167/uzh-202411>

**Callegari, Alessia, Marcora, Simona, Burkhardt, Barbara, Voutat, Michael, Kellenberger, Christian J, Geiger, Julia, Valsangiacomo Buechel, Emanuela R** (2021): *Myocardial Deformation in Fontan Patients Assessed by Cardiac Magnetic Resonance Feature Tracking: Correlation with Function, Clinical Course, and Biomarkers*. Pediatric Cardiology 42 (7), 1625-1634  
<https://doi.org/10.5167/uzh-206614>

Cao, Xuanye, Wolf, Annika, Kim, Sung-Eun, Cabrera, Robert M, Wlodarczyk, Bogdan J, Zhu, Huiping, Parker, Margaret, Lin, Ying, Steele, John W, Han, Xiao, Ramaekers, Vincent T, **Steinfeld, Robert**, Finnell, Richard H, Lei, Yunping (2021): *CIC de novo loss of function variants contribute to cerebral folate deficiency by downregulating FOLR1 expression*. Journal of Medical Genetics 58 (7), 484-494  
<https://doi.org/10.5167/uzh-198045>

Caro-Dominguez, Pablo, Navallas, María, Riaza-Martin, Lucia, Ghadimi Mahani, Maryam, Ugas Charcape, Carlos F, Valverde, Israel, D'Arco, Felice, Toso, Seema, Sheldermine, Susan Cheng, van Schuppen, Joost, Secinaro, Aurelio, Gräfe, Daniel, Camacho, Marisol, Neth, Olaf, Goo, Hyun Woo, **Kellenberger, Christian J** (2021): *Imaging findings of multisystem inflammatory syndrome in children associated with COVID-19*. Pediatric Radiology 51 (9), 1608-1620  
<https://doi.org/10.5167/uzh-203419>

Castellanos, Daniel A, Škardová, Kateřina, Bhattar, Abhijit, Berberoglu, Ezgi, Greil, Gerald, Tandon, Animesh, Dillenbeck, Jeanne, **Burkhardt, Barbara**, Hussain, Tarique, Genet, M, Chabiniok, Radomir (2021): *Left Ventricular Torsion Obtained Using Equilibrated Warping in Patients with Repaired Tetralogy of Fallot*. Pediatric Cardiology 42 (6), 1275-1283  
<https://doi.org/10.5167/uzh-209685>

Cesaro, Simone, Pillon, Marta, Sauer, Martin, et al, **Güngör, Tayfun** (2020): *Correction: Long-term outcome after allogeneic hematopoietic stem cell transplantation for Shwachman-Dia-*

*mond syndrome: a retrospective analysis and a review of the literature by the Severe Aplastic Anemia Working Party of the European Society for Blood and Marrow Transplantation (SAAWP-EBMT)*. Bone Marrow Transplantation 55 (9), 1884

<https://www.zora.uzh.ch/id/eprint/198524/>

Cesaro, Simone, Pillon, Marta, Sauer, Martin, et al, **Güngör, Tayfun** (2020): *Long-term outcome after allogeneic hematopoietic stem cell transplantation for Shwachman–Diamond syndrome: a retrospective analysis and a review of the literature by the Severe Aplastic Anemia Working Party of the European Society for Blood and Marrow Transplantation (SAAWP-EBMT)*. Bone Marrow Transplantation 55 (9), 1796–1809

<https://www.zora.uzh.ch/id/eprint/198552/>

Chastkofsky, Michael I, Pituch, Katarzyna C, Katagi, Hiroaki, Zannikou, Markella, Ilut, Liliana, Xiao, Ting, Han, Yu, Sonabend, Adam M, Curiel, David T, Bonner, Erin R, **Nazarian, Javad**, Horbinski, Craig M, James, C David, Saratsis, Amanda M, Hashizume, Rintaro, Lesniak, Maciej S, Balyasnikova, Irina V (2021): *Mesenchymal Stem Cells Successfully Deliver Oncolytic Virotherapy to Diffuse Intrinsic Pontine Glioma*. Clinical Cancer Research 27 (6), 1766–1777

<https://doi.org/10.5167/uzh-197979>

Chen, Jeff W, Schickel, Jean-Nicolas, Tsakiris, Nikolaos, Sng, Joel, Arbogast, Florent, Bouis, Delphine, Parisi, Daniele, Gera, Ruchi, Boeckers, Joshua M, Delmotte, Fabien R, Veselits, Margaret, Schuetz, Catharina, Jacobsen, Eva-Maria, **Posovszky, Carsten**, Schulz, Ansgar S, Schwarz, Klaus, Clark, Marcus R, Menard, Laurence, Meffre, Eric (2021): *Positive and negative selection shape the human naive B cell repertoire*. Journal of Clinical Investigation 132 (2), e150985

<https://doi.org/10.5167/uzh-214349>

Cho, Yeoungjee, Bello, Aminu K, Levin, Adeera, Lunney, Meaghan, Osman, Mohamed A, Ye, Feng, Ashuntantang, Gloria E, Bellorin-Font, Ezequiel, Gharbi, Mohammed Benghanem, Davison, Sara N, Ghnaimat, Mohammad, Harden, Paul, Htay, Htay, Jha, Vivekanand, Kalantar-Zadeh, Kamyar, Kerr, Peter G, Klarenbach, Scott, Kovesdy, Csaba P, **Luyckx, Valerie Ann**, Neuen, Brendon, O'Donoghue, Donal, Ossareh, Shahrzad, Perl, Jeffrey, Rashid, Harun Ur, Rondeau, Eric, See, Emily J, Saad, Syed, Sola, Laura, Tchokhonelidze, Irma, Tesar, Vladimir, et al (2021): *Peritoneal Dialysis Use and Practice Patterns: An International Survey Study*. American Journal of Kidney Diseases 77 (3), 315–325

<https://www.zora.uzh.ch/id/eprint/194529/>

Combe, Christian, Kirsch, Alexander H, Alfano, Gaetano, **Luyckx, Valerie A**, Shroff, Ruksana, Kanbay, Mehmet, van der Sande, Frank, Basile, Carlo (2021): *At least 156 reasons to prioritize COVID-19 vaccination in patients receiving in-centre haemodialysis*. Nephrology, Dialysis, Transplantation 36 (4), 571–574

<https://doi.org/10.5167/uzh-208275>

**Cramer, Ornella, Brotschi, Barbara, Achini, Federica**, Rizzi, Mattia, **Albisetti, Manuela** (2021): *Treatment of Catheter-Related Arterial Thrombosis in Children: A 15-Year Single-Center Experience*. Journal of Pediatrics 239, 182–186

<https://www.zora.uzh.ch/id/eprint/211041/>

Dalle, Jean-Hugues, Balduzzi, Adriana, Bader, Peter, Pieczonka, Anna, Yaniv, Isaac, Lankester, Arjan, Bierings, Marc, Yesilipek, Akif, Sedlacek, Petr, Iversen, Marianne, Svec, Peter, Toporski, Jacek, **Güngör, Tayfun**, Wachowiak, Jacek, Glogova, Evgenia, Poetschger, Ulrike, Peters, Christina (2021): *The impact of donor type on the outcome of pediatric patients with very high risk acute lymphoblastic leukemia. A study of the ALL SCT 2003 BFM-SG and 2007-BFM-International SG*. Bone Marrow Transplantation 56, 257–266

<https://doi.org/10.5167/uzh-198702>

Dalle, Jean-Hugues, Leblanc, Thierry, et al, **Güngör, Tayfun** (2020): *Favorable outcomes of hematopoietic stem cell transplantation in children and adolescents with Diamond-Blackfan anemia*. Blood advances 4 (8), 1760–1769

<https://doi.org/10.5167/uzh-198551>

Dantonello, Tobias M, Kartal-Kaess, Mutlu, Aebi, Christoph, Suter-Riniker, Franziska, Busch, Jasmin D, Kubetzko, Susanne, **Bourquin, Jean-Pierre**, Roessler, Jochen (2021): *SARS-CoV-2 Infection During Induction Chemotherapy in a Child With High-risk T-Cell Acute Lymphoblastic Leukemia (T-ALL)*. Journal of Pediatric Hematology/Oncology 43 (6), e804–e807

<https://www.zora.uzh.ch/id/eprint/198057/>

Datta, Rachit, Di Tanna, Gian Luca, Harley, Amanda, **Schlapbach, Luregn J**, Nunnink, Leo, Venkatesh, Balasubramanian (2021): *An assessment of knowledge and education about sepsis among medical students: a multi-university survey*. Critical Care and Resuscitation 23 (1), 117–118

<https://doi.org/10.5167/uzh-211703>

**de Haan, Anke, Haag, Ann-Christin, Degen, Eve, Landolt, Markus A** (2021): *Development and validation of the Functional Posttraumatic Cognitions Questionnaire (FPTCQ) in children*

*and adolescents exposed to accidental trauma*. Psychological Trauma 13 (5), 514–521

<https://www.zora.uzh.ch/id/eprint/192302/>

**de Haan, Anke**, Hitchcock, Caitlin, Meiser-Stedman, Richard, **Landolt, Markus A**, Kuhn, Isla, Black, Melissa J, Klaus, Kristel, Patel, Shivam D, Fisher, David J, Dagleish, Tim (2021): *Efficacy and moderators of efficacy of trauma-focused cognitive behavioural therapies in children and adolescents: protocol for an individual participant data meta-analysis from randomised trials*. BMJ Open 11 (2), e047212

<https://doi.org/10.5167/uzh-201010>

De Young, Alexandra C, Paterson, Rebecca S, Brown, Erin A, Egberts, Marthe R, Le Brocque, Robyne M, Kenardy, Justin A, **Landolt, Markus A**, Marsac, Meghan L, Alisic, Eva, **Haag, Ann-Christin** (2021): *Topical Review: Medical Trauma During Early Childhood*. Journal of Pediatric Psychology 46 (7), 739–746

<https://www.zora.uzh.ch/id/eprint/205849/>

Decrue, Fabienne, Gorlanova, Olga, **Usemann, Jakob**, Frey, Urs (2020): *Lung functional development and asthma trajectories*. Seminars in Immunopathology 42 (1), 17–27

<https://www.zora.uzh.ch/id/eprint/193924/>

Depner, Martin, Taft, Diana Hazard, Kirjavainen, Pirkka V, Kalanetra, Karen M, Karvonen, Anne M, Peschel, Stefanie, Schmausser-Hechfellner, Elisabeth, **Roduit, Caroline**, Frei, Remo, **Lauener, Roger**, Chauveau, A, Dalphin, Jean-Charles, Riedler, Josef, Roponen, Marjut, Kabesch, Michael, Renz, H, Pekkanen, Juha, Farquharson, Freda M, Louis, Petra, Mills, David A, von Mutius, Erika, PASTURE study group, Ege, Markus J (2020): *Maturation of the gut microbiome during the first year of life contributes to the protective farm effect on childhood asthma*. Nature Medicine 26 (11), 1766–1775

<https://www.zora.uzh.ch/id/eprint/193193/>

Deprest, Jan A, Nicolaidis, Kypros H, Benachi, Alexandra, Gratacos, Eduard, Ryan, Greg, Persico, Nicola, Sago, Haruhiko, Johnson, Anthony, Wielgoś, Mirosław, Berg, Christoph, Van Calster, Ben, **TOTAL Trial for Severe Hypoplasia Investigators**, Russo, Francesca M (2021): *Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia*. New England Journal of Medicine 385 (2), 107–118

<https://doi.org/10.5167/uzh-216165>

Devaud, Yannick R, Stäuble, Senta, **Moehrlen, Ueli**, Weisskopf, Miriam, Vonzun, Ladina, Zimmermann, Roland, Ehrbar, Martin, Ochsenbein-Kölbl, Nicole (2021): *Minimally Invasive Precise Application of Bioadhesives to Prevent*

IPPROM on a Pregnant Sheep Model. Fetal Diagnosis and Therapy 48 (11-12), 785-793  
<https://doi.org/10.5167/uzh-210271>

Di Giacomo, Danika, La Starza, Roberta, Gorello, Paolo, Pellanera, Fabrizia, Kalender Atak, Zeynep, De Keersmaecker, Kim, Pierini, Valentina, Harrison, Christine J, Arniani, Silvia, Moretti, Martina, Testoni, Nicoletta, De Santis, Giovanna, Roti, Giovanni, Matteucci, Caterina, Bassan, Renato, Vandenberghe, Peter, Aerts, Stein, Cools, Jan, **Bornhauser, Beat, Bourquin, Jean-Pierre**, Piazza, Rocco, Mecucci, Cristina (2021): *14q32 rearrangements deregulating BCL11B mark a distinct subgroup of T-lymphoid and myeloid immature acute leukemia*. Blood 138 (9), 773-784  
<https://doi.org/10.5167/uzh-213014>

Dietzsch, Stefan, Braesigk, Annett, Seidel, Clemens, Remmele, Julia, Kitzing, Ralf, Schlender, Tina, Mynarek, Martin, Geismar, Dirk, Jablonska, Karolina, Schwarz, Rudolf, Pazos, Montserrat, Walser, Marc, Frick, Silke, Gurtner, Kristin, Matuschek, Christiane, Harrabi, Semi Ben, Glück, Albrecht, Lewitzki, Victor, Dieckmann, Karin, Benesch, Martin, **Gerber, Nicolas U**, Rutkowski, Stefan, Timmermann, Beate, Kortmann, Rolf-Dieter (2021): *Pretreatment central quality control for craniospinal irradiation in non-metastatic medulloblastoma: First experiences of the German radiotherapy quality control panel in the SIOP PNET5 MB trial*. Strahlentherapie und Onkologie 197 (8), 674-682  
<https://doi.org/10.5167/uzh-197972>

Dimitrov, Bianca, Molema, Femke, Williams, Monique, Schmiesing, Jessica, Mühlhausen, Chris, **Baumgartner, Matthias R**, Schumann, Anke, Kölker, Stefan (2021): *Organic acidurias: Major gaps, new challenges, and a yet unfulfilled promise*. Journal of Inherited Metabolic Disease 44 (1), 9-21  
<https://doi.org/10.5167/uzh-195364>

**Dranseika, Vilius, Prêtre, René, Kretschmar, Oliver, Dave, Hitendu** (2021): *Melody valve to replace the mitral valve in small children: Lessons learned*. Annals of Pediatric Cardiology 14 (1), 35-41  
<https://doi.org/10.5167/uzh-209524>

Duchatel, Ryan J, Mannan, Abdul, Woldu, Ameha S, Hawtrey, Tom, Hindley, Phoebe A, Douglas, Alicia M, Jackson, Evangeline R, Findlay, Izac J, Germon, Zacary P, Staudt, Dilana, Kearney, Padraic S, Smith, Nathan D, Hindley, Kate E, Cain, Jason E, André, Nicolas, La Madrid, Andres Morales, Nixon, Brett, De luliis, Geoffry N, **Nazarian, Javad**, Irish, Kathleen, Alvaro, Frank, Eisenstat, David D, Beck, Alexander, Vitanza, Nicholas A, **Mueller,**

**Sabine, Morris, Jonathan C, Dun, Matthew D** (2021): *Preclinical and clinical evaluation of German-sourced ONC201 for the treatment of H3K27M-mutant diffuse intrinsic pontine glioma*. Neuro-oncology advances 3 (1), vdab169  
<https://doi.org/10.5167/uzh-212966>

Eckert, Cornelia, Parker, Catriona, Moorman, Anthony V, Irving, Julie Ae, Kirschner-Schwabe, Renate, Groeneveld-Krentz, Stefanie, Revesz, Tamas, Hoogerbrugge, Peter, Hancock, Jeremy, Sutton, Rosemary, Henze, Guenter, Chen-Santel, Christiane, Attarbaschi, Andishe, **Bourquin, Jean-Pierre**, Sramkova, Lucie, Zimmermann, Martin, Krishnan, Shekhar, von Stackelberg, Arend, Saha, Vaskar (2021): *Risk factors and outcomes in children with high-risk B-cell precursor and T-cell relapsed acute lymphoblastic leukaemia: combined analysis of ALLR3 and ALL-REZ BFM 2002 clinical trials*. European Journal of Cancer 151, 175-189  
<https://doi.org/10.5167/uzh-213017>

Ehlert, Karoline, Levade, Thierry, Di Rocco, Maja, Lanino, Edoardo, Albert, Michael H, Führer, Monika, Jarisch, Andrea, **Güngör, Tayfun**, Ayuk, Francis, Vormoor, Josef (2019): *Allogeneic hematopoietic cell transplantation in Farber disease*. Journal of Inherited Metabolic Disease 42 (2), 286-294  
<https://www.zora.uzh.ch/id/eprint/162836/>

**Ehrler, Melanie, Schlosser, Ladina**, Brugger, Peter, Greutmann, Matthias, **Oxenius, Angela, Kottke, Raimund, O'Gorman Tuura, Ruth, Latal, Beatrice** (2021): *Altered white matter microstructure is related to cognition in adults with congenital heart disease*. Brain Communications 3 (1), fcaa224  
<https://doi.org/10.5167/uzh-195345>

**Ehrler, Melanie, von Rhein, Michael, Schlosser, Ladina**, Brugger, Peter, Greutmann, Matthias, **Kretschmar, Oliver, Latal, Beatrice, Tuura O'Gorman, Ruth** (2021): *Microstructural alterations of the corticospinal tract are associated with poor motor function in patients with severe congenital heart disease*. NeuroImage: Clinical 32, 102885  
<https://doi.org/10.5167/uzh-212120>

**Ehrler, Melanie, Werninger, Isabelle, Schneider, Barbara, Eichelberger, Dominique, Naef, Nadja, Disselhoff, Vera, Kretschmar, Oliver, Hagmann, C F, Latal, Beatrice, Wehrle, Flavia Maria** (2021): *Impact of the COVID-19 pandemic on children with and without risk for neurodevelopmental impairments*. Acta Paediatrica 110 (4), 1281-1288  
<https://www.zora.uzh.ch/id/eprint/197518/>

El Hawary, R E, Meshaal, S, **Mauracher, Andrea A**, Opitz, Lennart, Abd Elaziz, D, Lotfy, S, Eldash, A, Boutros, J, Galal, N, **Pachlopnik Schmid, Jana**, Elmarsafy, A (2021): *Whole-exome sequencing of T-B+ severe combined immunodeficiency in Egyptian infants, JAK3 predominance and novel variants*. Clinical and Experimental Immunology 203 (3), 448-457  
<https://www.zora.uzh.ch/id/eprint/195003/>

**Elrod, Julia, Schiestl, Clemens, Neuhaus, Kathrin, Mohr, Christoph, Neuhaus, Kathrin** (2020): *Patient- and Physician-Reported Outcome of Combined Fractional CO2 and Pulse Dye Laser Treatment for Hypertrophic Scars in Children*. Annals of Plastic Surgery 85 (3), 237-244  
<https://www.zora.uzh.ch/id/eprint/189510/>

Ernst, Michelle E, Baugh, Evan H, Thomas, Amanda, Bier, Louise, Lippa, Natalie, et al, **Rauch, Anita**, Joset, Pascal, **Steindl, Katharina** (2021): *CSNK2B: A broad spectrum of neurodevelopmental disability and epilepsy severity*. Epilepsia 62 (7), Epub ahead of print  
<https://doi.org/10.5167/uzh-203594>

ESICM, GSA, SCCM (2021): *Reducing the global burden of sepsis: a positive legacy for the COVID-19 pandemic?*. Intensive Care Medicine 47 (7), 733-736  
<https://doi.org/10.5167/uzh-211037>

**Fahr, Annina, Kläy, Andrina, Coka, Larissa S, Van Hedel, Hubertus J A** (2021): *Game-based training of selective voluntary motor control in children and youth with upper motor neuron lesions: protocol for a multiple baseline design study*. BMC Pediatrics 21, 505  
<https://doi.org/10.5167/uzh-214207>

**Fahr, Annina, Kläy, Andrina, Keller, Jeffrey W, Van Hedel, Hubertus J A** (2021): *An Interactive Computer Game for Improving Selective Voluntary Motor Control in Children With Upper Motor Neuron Lesions: Development and Preliminary Feasibility Study*. JMIR Serious Games 9 (3), e26028  
<https://doi.org/10.5167/uzh-214209>

**Fahr, Annina, Keller, Jeffrey W, Balzer, Julia, Lieber, Jan, Van Hedel, Hubertus J A** (2021): *Quantifying age-related differences in selective voluntary motor control in children and adolescents with three assessments*. Human Movement Science 77, 102790  
<https://doi.org/10.5167/uzh-214213>

Fallah, Aria, Lewis, Evan, Ibrahim, George M, et al, **Ramantani, Georgia**, Stienen, Martin N, **Krayenbühl, Niklaus** (2021): *Comparison of the real-world effectiveness of vertical versus lateral functional hemispherotomy techniques*

for pediatric drug-resistant epilepsy: A post hoc analysis of the HOPS study. *Epilepsia* 62 (11), 2707-2718

<https://doi.org/10.5167/uzh-213616>

**Feldkötter, Markus**, Thys, Sarah, Adams, Anne, Becker, Ingrid, Büscher, Rainer, Pohl, Martin, Schild, Raphael, Pape, Lars, Schmitt, Claus Peter, Taylan, Christina, Wygoda, Simone, Klaus, Günter, Fehrenbach, Henry, Montoya, Carmen, Konrad, Martin, Billing, Heiko, Schaar, Bettina, Hoppe, Bernd (2020): *Endurance-oriented training program with children and adolescents on maintenance hemodialysis to enhance dialysis efficacy—Diasport*. *Pediatric Nephrology* 36 (12), 3923-3932  
<https://doi.org/10.5167/uzh-217425>

**Feldmann, Maria**, Bataillard, Céline, Ehrler, Melanie, Ullrich, Cinzia, Knirsch, Walter, Gesteli-Peter, Martina A, Held, Ulrike, Latal, Beatrice (2021): *Cognitive and Executive Function in Congenital Heart Disease: A Meta-analysis*. *Pediatrics* 148 (4), e2021050875  
<https://doi.org/10.5167/uzh-208126>

Fernandez-Garcia, Miguel A, **Stettner, Georg M**, Kinali, Maria, Clarke, Antonia, Fallon, Penny, **Knirsch, Ursula**, Wraige, Elizabeth, Jungbluth, Heinz (2021): *Genetic neuropathies presenting with CIDP-like features in childhood*. *Neuromuscular Disorders : NMD* 31 (2), 113-122  
<https://www.zora.uzh.ch/id/eprint/195368/>

Ferreira, Carlos R, **Blau, Nenad** (2021): *Clinical and biochemical footprints of inherited metabolic diseases. IV. Metabolic cardiovascular disease*. *Molecular Genetics and Metabolism* 132 (2), 112-118  
<https://www.zora.uzh.ch/id/eprint/214279/>

Ferreira, Carlos R, Martinelli, Diego, **Blau, Nenad** (2021): *Clinical and biochemical footprints of inherited metabolic diseases. VI. Metabolic dermatoses*. *Molecular Genetics and Metabolism* 134 (1-2), 87-95  
<https://www.zora.uzh.ch/id/eprint/214278/>

Ferreira, Carlos R, Rahman, Shamima, Keller, Markus, Zschocke, Johannes, et al, **Baumgartner, Matthias R** (2021): *An International Classification of Inherited Metabolic Disorders (ICIMD)*. *Journal of Inherited Metabolic Disease* 44 (1), 164-177  
<https://doi.org/10.5167/uzh-195359>

**Fierling, Rebecca Miriam**, Horst Lüthy, Maya, Gobet, Rita, Aufdenblatten, Christoph Alexander, Dreher, Thomas, Zweifel, Noëmi, Tharakan, Sasha Job, Möhrten, Ueli (2021): *Anatomical features and challenges in separation and reconstruction of heteropagus twins*.

*Journal of Pediatric Surgery Case Reports* 67, 101814

<https://doi.org/10.5167/uzh-216170>

**Flury, Maria**, Orellana-Rios, Claudia L, **Bergsträsser, Eva**, Becker, Gerhild (2021): *«This is the worst that has happened to me in 86 years»: A qualitative study of the experiences of grandparents losing a grandchild due to a neurological or oncological disease*. *Journal for Specialists in Pediatric Nursing* 26 (1), e12311  
<https://doi.org/10.5167/uzh-192235>

**Fontana, Sonja**, Schiestl, Clemens M, **Landolt, Markus A**, **Staubli, Georg**, von Salis, Sara, **Neuhaus, Kathrin**, **Mohr, Christoph**, **Elrod, Julia** (2020): *A Prospective Controlled Study on Long-Term Outcomes of Facial Lacerations in Children*. *Frontiers in Pediatrics* 8, 616151  
<https://doi.org/10.5167/uzh-215734>

**Forny, Patrick**, **Burda, Patricie**, Bode, Peter Karl, **Rohrbach, Marianne** (2021): *Is serum biotinidase enzyme activity a potential marker of perturbed glucose and lipid metabolism?*. *JIMD Reports* 57 (1), 58-66  
<https://doi.org/10.5167/uzh-197417>

**Forny, Patrick**, Hörster, Friederike, Ballhausen, Diana, Chakrapani, Anupam, et al, **Huemer, Martina**, **Baumgartner, Matthias R** (2021): *Guidelines for the diagnosis and management of methylmalonic acidaemia and propionic acidaemia: First revision*. *Journal of Inherited Metabolic Disease* 44 (3), 566-592  
<https://doi.org/10.5167/uzh-208206>

Fouriki, Athina, Fougère, Yves, De Camaret, Caroline, Blanchard Rohner, Géraldine, Grazioli, Serge, Wagner, Noémie, **Relly, Christa**, **Pachlopnik Schmid, Jana**, **Trück, Johannes**, Kottanatu, Lisa, Perez, Estefania, Perez, Marie-Hélène, Schaffner, Damien, Asner, Sandra Andrea, Hofer, Michael (2021): *Case Report: Case Series of Children With Multisystem Inflammatory Syndrome Following SARS-CoV-2 Infection in Switzerland*. *Frontiers in Pediatrics* 8, 594127  
<https://doi.org/10.5167/uzh-195896>

Frauchiger, Bettina S, Carlens, Julia, Herger, Andreas, **Moeller, Alexander**, Latzin, Philipp, Ramsey, Kathryn A (2021): *Multiple breath washout quality control in the clinical setting*. *Pediatric Pulmonology* 56 (1), 105-112  
<https://doi.org/10.5167/uzh-191238>

Gaillard, Erol A, Kuehni, Claudia E, Turner, Steven, Goutaki, Myrofora, Holden, Karl A, de Jong, Carmen Cm, Lex, Christiane, Lo, David K H, Lucas, Jane S, Midulla, Fabio, **Mozun, Rebeca**, Piacentini, Giorgio, Rigau, David, Rottier, Bart, Thomas, Mike, Tonia, Thomy,

**Usemann, Jakob**, Yilmaz, Ozge, Zacharsiewicz, Angela, **Moeller, Alexander** (2021): *European Respiratory Society clinical practice guidelines for the diagnosis of asthma in children aged 5–16 years*. *European Respiratory Journal* 58 (5), 2004173  
<https://doi.org/10.5167/uzh-216772>

Garg, Divyani, Bijarnia-Mahay, Sunita, Elwadhhi, Aman, Ray, Sandip, **Häberle, Johannes**, Sharma, Suvasini (2020): *Neurological Deterioration in Three Siblings: Exploring the Spectrum of Argininemia*. *Indian Journal of Pediatrics* 88 (3), 266-268  
<https://www.zora.uzh.ch/id/eprint/197319/>

**Gefferie, Silvano R**, Maric, Angelina, **Critelli, Hanne**, Gueden, Sophie, Kurlemann, Gerhard, Kurth, Salomé, Nosadini, Margherita, **Plecko, Barbara**, Ringli, Maya, Rostasy, Kevin, Sartori, Stefano, **Schmitt, Bernhard**, Suppiej, Agnese, Van Bogaert, Patrick, **Wehrle, Flavia Maria**, **Huber, Reto**, **Bölsterli, Bigna K** (2021): *Altered EEG markers of synaptic plasticity in a human model of NMDA receptor deficiency: Anti-NMDA receptor encephalitis*. *NeuroImage* 239, 118281  
<https://doi.org/10.5167/uzh-206557>

**Geiger, Julia**, **Callaghan, Fraser M**, **Burkhardt, Barbara**, **Valsangiacomo Buechel, Emanuela R**, **Kellenberger, Christian J** (2021): *Additional value and new insights by four-dimensional flow magnetic resonance imaging in congenital heart disease: application in neonates and young children*. *Pediatric Radiology* 51 (8), 1503-1517  
<https://doi.org/10.5167/uzh-195442>

**Geiger, Julia**, Zeimpekis, K G, **Jung, A**, **Moeller, A**, **Kellenberger, Christian J** (2021): *Clinical application of ultrashort echo-time MRI for lung pathologies in children*. *Clinical Radiology* 76 (9), 708.e9-708.e17  
<https://doi.org/10.5167/uzh-205115>

**Gemperle, Claudio**, **Tran, Syndi**, **Schmid, Mattia**, **Rimann, Nicole**, **Marti-Jaun, Jacqueline**, **Hartling, Ivan**, **Wawrzyniak, Paulina**, **Hersberger, Martin** (2021): *Resolvin D1 reduces inflammation in co-cultures of primary human macrophages and adipocytes by triggering macrophages*. *Prostaglandins, Leukotrienes, and Essential Fatty Acids* 174, 102363  
<https://doi.org/10.5167/uzh-208964>

Generali, Melanie, **Satheesha, Sampoorna**, Bode, Peter K, Wanner, Debora, **Schäfer, Beat W**, Casanova, Elisa A (2021): *High Frequency of Tumor Propagating Cells in Fusion-Positive Rhabdomyosarcoma*. *Genes* 12 (9), 17  
<https://doi.org/10.5167/uzh-211145>

Geraerds, A J L M, van Herk, Wendy, Stocker, Martin, el Helou, Salhab, Dutta, Sourabh, et al, **Schlapbach, Luregn J** (2021): *Cost impact of procalcitonin-guided decision making on duration of antibiotic therapy for suspected early-onset sepsis in neonates*. *Critical Care* 25, 367

<https://doi.org/10.5167/uzh-211058>

**Gerwinn, Tim, Gnannt, Ralph, Weber, Daniel M, Gobet, Rita, Mazzone, Luca** (2021): *Laparoscopic Ureteroureterostomy vs. Common Sheath Ureteral Reimplantation in Children With Duplex Kidney Anomalies*. *Frontiers in Pediatrics* 9, 637544

<https://doi.org/10.5167/uzh-201704>

**Gerwinn, Tim, Salemi, Souzan, Krattiger, Lisa, Eberli, Daniel, Horst, Maya** (2021): *Spheroids of Bladder Smooth Muscle Cells for Bladder Tissue Engineering*. *BioMed Research International* 2021, Article ID 9391575

<https://doi.org/10.5167/uzh-215117>

Gnoli, Maria, Brizola, Evelise, Tremosini, Morena, Pedrini, Elena, Maioli, Margherita, Mosca, Massimiliano, Bassotti, Alessandra, Castronovo, Paola, **Giunta Meyer, Cecilia, Sangiorgi, Luca** (2021): *COL1-Related Disorders: Case Report and Review of Overlapping Syndromes*. *Frontiers in Genetics* 12, 640558

<https://doi.org/10.5167/uzh-214059>

**Goelz, Nadine, Eekels, Julia J M, Pantić, Milica, Kamber, Christoph T, Speer, Oliver, Franzoso, Francesca D, Schmutz, Markus** (2021): *Platelets express adaptor proteins of the extrinsic apoptosis pathway and can activate caspase-8*. *PLoS ONE* 16, e0244848

<https://doi.org/10.5167/uzh-197452>

**Goetschi, Markus, Kemper, Michael, Kleine-Brueggene, Maren, Dave, Mital H, Weiss, Markus** (2021): *Inflation volume-balloon diameter and inflation pressure-balloon diameter characteristics of commonly used bronchial blocker balloons for single-lung ventilation in children*. *Paediatric Anaesthesia* 31 (4), 474-481

<https://www.zora.uzh.ch/id/eprint/206904/>

Gogoll, Laura, **Steindl, Katharina**, Joset, Pascal, Zweier, Markus, Baumer Wolz, Alessandra, Gerth-Kahlert, Christina, Tutschek, Boris, **Rauch, Anita** (2021): *Confirmation of Ogden syndrome as an X-linked recessive fatal disorder due to a recurrent NAA10 variant and review of the literature*. *American Journal of Medical Genetics. Part A* 185 (8), 2546-2560

<https://doi.org/10.5167/uzh-203762>

Goldman, Ran D, McGregor, Sophie, Marneni, Shashidhar R, Katsuta, Tomohiro, Griffiths, Mark A, Hall, Jeanine E, **Seiler, Michelle, Klein, Eileen J, Cotanda, Cristina Parra, Gelernter, Renana, Hoeffe, Julia, Davis, Adrienne L, Gualco, Gianluca, Mater, Ahmed, Manzano, Sergio, Thompson, Graham C, Ahmed, Sara, Ali, Samina, Brown, Julie C, International COVID-19 Parental Attitude Study (COVIPAS) Group** (2021): *Willingness to Vaccinate Children against Influenza after the Coronavirus Disease 2019 Pandemic*. *Journal of Pediatrics* 228, 87-93.e2

<https://doi.org/10.5167/uzh-193401>

Goldman, Ran D, **Staubli, Georg**, Cotanda, Cristina Parra, Brown, Julie C, Hoeffe, Julia, **Seiler, Michelle**, et al (2021): *Factors associated with parents' willingness to enroll their children in trials for COVID-19 vaccination*. *Human Vaccines & Immunotherapeutics* 17 (6), 1607-1611

<https://doi.org/10.5167/uzh-193403>

Gonzalez Melo, Mary, Remacle, Noémie, Cudré-Cung, Hong-Phuc, Roux, Clothilde, **Poms, Martin**, Cudalbu, Cristina, Barroso, Madalena, Gersting, Søren Waldemar, Feichtinger, René Günther, Mayr, Johannes A, Costanzo, Michele, Caterino, Marianna, Ruoppolo, Margherita, **Rüfenacht, Véronique, Häberle, Johannes, Braissant, Olivier, Ballhausen, Diana** (2021): *The first knock-in rat model for glutaric aciduria type I allows further insights into pathophysiology in brain and periphery*. *Molecular Genetics and Metabolism* 133 (2), 157-181

<https://doi.org/10.5167/uzh-209459>

Grandjean, Chantal, Ullmann, Pascale, Marston, Mark, Maitre, Marie-Christine, Perez, Marie-Hélène, **OCToPuS Consortium**, Ramelet, Anne-Sylvie (2021): *Sources of Stress, Family Functioning, and Needs of Families With a Chronic Critically Ill Child: A Qualitative Study*. *Frontiers in Pediatrics* 9, 740598

<https://doi.org/10.5167/uzh-211039>

**Granegger, M, Küng, S, Bollhalder, O, Quandt, D, Scheifele, C, Drozdov, D, Held, U, Callegari, A, Kretschmar, O, Hubler, M, Schweiger, M, Knirsch, Walter** (2021): *Serial assessment of somatic and cardiovascular development in patients with single ventricle undergoing Fontan procedure*. *International Journal of Cardiology* 322, 135-141

<https://doi.org/10.5167/uzh-195088>

**Graser, Judith V, Bastiaenen, Caroline H G, Gut, Anja, Keller, Urs, Van Hedel, Hubertus J A** (2021): *Contextual interference in children with brain lesions: a pilot study investigating blocked vs. random practice order of an upper*

*limb robotic exergame*. *Pilot and Feasibility Studies* 7, 135

<https://doi.org/10.5167/uzh-214210>

**Grass, Beate, Brotschi, Barbara, Hagmann, Cornelia**, Birkenmaier, André, Schwendener, Katharina, Adams, Mark, Kleber, Michael (2021): *Centre-specific differences in short-term outcomes in neonates with hypoxic-ischaemic encephalopathy*. *Swiss Medical Weekly* 151, w20489

<https://doi.org/10.5167/uzh-203267>

Grazioli, Serge, Tavaglione, Fedora, Torriani, Giulia, Wagner, Noémie, Rohr, Marie, L'Huillier, Arnaud G, Leclercq, Charlotte, Perrin, Anne, Bordessoule, Alice, Beghetti, Maurice, **Pachlopnik Schmid, Jana, Vavasori, Stefano**, Perreau, Matthieu, Eberhardt, Christiane, Didierlaurent, Arnaud, Kaiser, Laurent, Eckerle, Isabella, Roux-Lombard, Pascale, Blanchard-Rohner, Geraldine (2021): *Immunological assessment of pediatric multisystem inflammatory syndrome related to COVID-19*. *Journal of the Pediatric Infectious Diseases Society* 10 (6), 706-713

<https://doi.org/10.5167/uzh-195006>

Grimm, Christina, Frässle, Stefan, **Steger, Céline**, von Ziegler, Lukas, Sturman, Oliver, Shemesh, Noam, Peleg-Raibstein, Daria, Burdakov, Denis, Bohacek, Johannes, Stephan, Klaas E, Razansky, Daniel, Wenderoth, Nicole, Zerbi, Valerio (2021): *Optogenetic activation of striatal D1R and D2R cells differentially engages downstream connected areas beyond the basal ganglia*. *Cell Reports* 37 (13), 110161

<https://doi.org/10.5167/uzh-211729>

**Güngör, Tayfun** (2020): *Children with WAS: prefer early transplant!*. *Blood* 135 (23), 2018-2020

<https://doi.org/10.5167/uzh-198528>

Haas, Dorothea, Hauke, Jana, Schwarz, Katharin V, Consalvi, Lucia, Trefz, Friedrich K, **Blau, Nenad**, Hoffmann, Georg F, Burgard, Peter, Garbade, Sven F, Okun, Jürgen G (2021): *Differences of Phenylalanine Concentrations in Dried Blood Spots and in Plasma: Erythrocytes as a Neglected Component for This Observation*. *Metabolites* 11 (10), 680

<https://doi.org/10.5167/uzh-214277>

**Haas, Thorsten**, Callum, Jeannie, Grottko, Oliver, Asmis, Lars M, Cushing, Melissa M (2021): *Response to Wirtz et al: The impact of blood product ratio and procoagulant therapy on the development of thromboembolic events in severely injured hemorrhaging trauma patients*. *Transfusion* 61 (3), 991-992

<https://www.zora.uzh.ch/id/eprint/206893/>



**Häberle, Johannes**, Moore, Marvin B, Haskins, Nantaporn, **Rüfenacht, Véronique**, Rokicki, Dariusz, Rubio-Gozalbo, Estela, Tuchman, Mendel, Longo, Nicola, Yandell, Mark, Andrews, Ashley, AhMew, Nicholas, Caldovic, Ljubica (2021): *Noncoding sequence variants define a novel regulatory element in the first intron of the N-acetylglutamate synthase gene*. Human Mutation 42 (12), 1624-1636  
<https://www.zora.uzh.ch/id/eprint/217461/>

**Hackenberg, Annette, Battilana, Bianca, Hebeisen, Monika, Steinfeld, Robert, Khan, Nadia** (2021): *Preoperative clinical symptomatology and stroke burden in pediatric moyamoya angiopathy: Defining associated risk variables*. European Journal of Paediatric Neurology 35, 130-136  
<https://doi.org/10.5167/uzh-212807>

Hanitsch, Leif, Baumann, Ulrich, Boztug, Kaan, Burkhard-Meier, Ulrike, Fasshauer, Maria, Habermehl, Pirmin, Hauck, Fabian, Klock, Gerd, Liese, Johannes, Meyer, Oliver, Müller, Rainer, **Pachlopnik Schmid, Jana**, Pfeiffer-Kascha, Dorothea, Warnatz, Klaus, Wehr, Claudia, Wittke, Kirsten, Niehues, Tim, Bernuth, Horst (2020): *Treatment and management of primary antibody deficiency: German interdisciplinary evidence-based consensus guideline*. European Journal of Immunology 50 (10), 1432-1446  
<https://doi.org/10.5167/uzh-207649>

**Hapuoja, Laura, Kretschmar, Oliver**, Rousson, Valentin, **Dave, Hitendu, Naef, Nadja, Latal, Beatrice** (2021): *Somatic growth in children with congenital heart disease at 10 years of age: Risk factors and longitudinal growth*. Early Human Development 156, 105349  
<https://doi.org/10.5167/uzh-209516>

Harley, Amanda, George, Shane, King, Megan, Phillips, Natalie, Keijzers, Gerben, Long, Debbie, Gibbons, Kristen, Bellomo, Rinaldo, **Schlapbach, Luregn J** (2021): *Early Resuscitation in Paediatric Sepsis Using Inotropes - A Randomised Controlled Pilot Study in the Emergency Department (RESPOND ED): Study Protocol and Analysis Plan*. Frontiers in Pediatrics 9, 663028  
<https://doi.org/10.5167/uzh-211026>

Harley, Amanda, Lister, Paula, Gilholm, Patricia, Rice, Michael, Venkatesh, Bala, Johnston, Amy N B, Massey, Debbie, Irwin, Adam, Gibbons, Kristen, **Schlapbach, Luregn J** (2021): *Queensland Pediatric Sepsis Breakthrough Collaborative: Multicenter Observational Study to Evaluate the Implementation of a Pediatric Sepsis Pathway Within the Emergency*

*Department. Critical Care Explorations* 3 (11), e0573  
<https://doi.org/10.5167/uzh-211063>

Harley, Amanda, **Schlapbach, Luregn J**, Lister, Paula, Massey, Debbie, Gilholm, Patricia, Johnston, Amy N B (2021): *Knowledge translation following the implementation of a state-wide Paediatric Sepsis Pathway in the emergency department - a multi-centre survey study*. BMC Health Services Research 21, 1161  
<https://doi.org/10.5167/uzh-211057>

**Hartling, Ivan, Cremonesi, Alessio**, Osuna, Ester, Lou, Phing-How, Lucchinetti, Eliana, Zaugg, Michael, **Hersberger, Martin** (2021): *Quantitative profiling of inflammatory and pro-resolving lipid mediators in human adolescents and mouse plasma using UHPLC-MS/MS*. Clinical Chemistry and Laboratory Medicine 59 (11), 1811-1823  
<https://doi.org/10.5167/uzh-205072>

Hashem, Hasan, Bucciol, Giorgia, Ozen, Seza, Unal, Sule, Bozkaya, Ikbak Ok, Akarsu, Nurten, Taskinen, Mervi, Koskenvuo, Minna, Saarela, Janna, Dimitrova, Dimana, Hickstein, Dennis D, Hsu, Amy P, Holland, Steven M, Krance, Robert, Sasa, Ghadir, Kumar, Ashish R, Müller, Ingo, de Sousa, Monica Abreu, Delafontaine, Selket, Moens, Leen, Babor, Florian, Barzaghi, Federica, Cicalese, Maria Pia, Bredius, Robert, Van Montfrans, Joris, Baretta, Valentina, Cesaro, Simone, Stepensky, Polina, Benedicte, Neven, Moshous, Despina, et al (2021): *Hematopoietic Cell Transplantation Cures Adenosine Deaminase 2 Deficiency: Report on 30 Patients*. Journal of Clinical Immunology 41 (7), 1633-1647  
<https://doi.org/10.5167/uzh-214388>

Haslbeck, Friederike Barbara, Bucher, Hans Ulrich, Bassler, Dirk, **Hagmann, Cornelia, Natalucci, Giancarlo** (2021): *Creative Music Therapy and Neurodevelopmental Outcomes in Pre-term Infants at 2 Years: A Randomized Controlled Pilot Trial*. Frontiers in Pediatrics 9, 660393  
<https://doi.org/10.5167/uzh-204336>

Haug, Patricia, Koller, Samuel, Maggi, Jordi, Lang, Elena, Feil, Silke, Wlodarczyk, Agnès, **Bähr, Luzy, Steindl, Katharina, Rohrbach, Marianne**, Gerth-Kahlert, Christina, Berger, Wolfgang (2021): *Whole Exome Sequencing in Coloboma/Microphthalmia: Identification of Novel and Recurrent Variants in Seven Genes*. Genes 12 (1), E65  
<https://doi.org/10.5167/uzh-197046>

**Hauerding, Veronika**, Moccia, Maria Domenica, Opitz, Lennart, **Vavassori, Stefano, Dave, Hitendu, Hauri-Hohl, Mathias M** (2021):

*Novel Combination of Surface Markers for the Reliable and Comprehensive Identification of Human Thymic Epithelial Cells by Flow Cytometry: Quantitation and Transcriptional Characterization of Thymic Stroma in a Pediatric Cohort*. Frontiers in Immunology 12, 740047  
<https://doi.org/10.5167/uzh-210791>

Haveman, Lianne M, van Ewijk, Roelof, van Dalen, Elvira C, **Breunis, Willemijn B**, Kremer, Leontien C M, van den Berg, Henk, Dirksen, Uta, Merks, Johannes H M (2021): *High-dose chemotherapy followed by autologous haematopoietic cell transplantation for children, adolescents, and young adults with first recurrence of Ewing sarcoma*. Cochrane Database of Systematic Reviews 9, CD011406  
<https://doi.org/10.5167/uzh-212918>

Haveman, Lianne M, van Ewijk, Roelof, van Dalen, Elvira C, **Breunis, Willemijn B**, Kremer, Leontien C M, van den Berg, Henk, Dirksen, Uta, Merks, Johannes H M (2021): *High-dose chemotherapy followed by autologous haematopoietic cell transplantation for children, adolescents, and young adults with primary metastatic Ewing sarcoma*. Cochrane Database of Systematic Reviews 9, CD011405  
<https://doi.org/10.5167/uzh-212927>

Hebenstreit, Doris, Ahmed, Faisal S, Krone, Nils, Krall, Christoph, Bryce, Jillian, Alvi, Sabah, Ortolano, Rita, Lima, Mario, Birkebaek, Niels, Bonfig, Walter, Claahsen van der Grinten, Hedi, Costa, Eduardo Correa, Poyrazoglu, Sukran, de Vries, Liat, Flück, Christa E, Guran, Tulay, Bugrul, Fuat, Güven, Ayla, Iotova, Violeta, Koehler, Birgit, Schröder, Jennyver-Tabea, **Konrad, Daniel**, Gevers, Evelien, Krone, Ruth, Milenkovic, Tatjana, Vieites, Ana, Ross, Richard, Tadokoro Cuccaro, Rieko, Hughes, Ieuan, Acerini, Carlo, et al (2021): *Surgical Practice in Girls with Congenital Adrenal Hyperplasia: An International Registry Study*. Sexual Development 15 (4), 229-235  
<https://doi.org/10.5167/uzh-205281>

**Heidt, Christoph, Grueberger, Nisha**, Grisch, Domenic, Righini-Grunder, Franziska, **Rueger, Matthias, Ramseier, Leonhard** (2021): *The Assessment of Steroid Injections as a Potential Risk Factor for Osteochondral Lesions in Children with Juvenile Idiopathic Arthritis*. Cartilage 13 (1\_suppl), 894S-899S  
<https://www.zora.uzh.ch/id/eprint/198377/>

**Heidt, Christoph, Vrankovic, Matia**, Mendoza, Alejandro, Hollander, Karsten, **Dreher, Thomas, Rueger, Matthias** (2021): *Simplified digital balance assessment in typically developing school children*. Gait & Posture 84, 389-394  
<https://www.zora.uzh.ch/id/eprint/215830/>

**Heinrich, Bianka, Schmitt, Bernhard, Böls-terli, Bigna K, Critelli, Hanne, Huber, Reto, Fattinger, Sara** (2021): *Disparate effects of hormones and vigabatrin on sleep slow waves in patients with West syndrome – An indication of their mode of action?*. Journal of Sleep Research 30 (3), e13137

<https://www.zora.uzh.ch/id/eprint/194124/>

**Hepp, Zehra S, Haas, Verena M, Latal, Bea-trice, Meuli, Martin, Möhrle, Ueli, Schauer, Sonja M, Steinfeld, Robert, Padden, Beth A, Wille, David A** (2021): *Early childhood neurode-velopmental outcome after open prenatal spina bifida aperta repair*. Developmental Medicine and Child Neurology 63 (11), 1302-1307

<https://doi.org/10.5167/uzh-215295>

Herle, Marion, Brunner-Krainz, Michaela, Ka-rall, Daniela, Goeschl, Bernadette, Möslinger, Dorothea, Zobel, Joachim, Plecko, Barbara, Scholl-Bürgi, Sabine, Spenger, Johannes, Wortmann, Saskia B, **Huemer, Martina** (2021): *A retrospective study on disease management in children and adolescents with phenylketonuria during the Covid-19 pandemic lockdown in Austria*. Orphanet Journal of Rare Diseases 16, 367

<https://doi.org/10.5167/uzh-213637>

Hertrich, Theresa, Daxer, Johann, Hiemisch, Andreas, Kluge, Jens, Merckenschlager, Andreas, Kratzsch, Jürgen, Scheuermann, Kathrin, **Jenni, Oskar G**, Körner, Antje, Kiess, Wieland, Quante, Mirja (2020): *Association of sleep characteristics with adiposity markers in children*. Journal of Pediatric Endocrinology & Metabolism 33 (7), 845-852

<https://doi.org/10.5167/uzh-199031>

Hettmer, Simone, Dachy, Guillaume, Seitz, Guido, Agaimy, Abbas, Duncan, Catrio-na, Jongmans, Marjolijn, Hirsch, Steffen, Kventsel, Iris, Kordes, Uwe, de Krijger, Ronald R, Metzler, Markus, Michaeli, Orli, Nemes, Karolina, Poluha, Anna, Ripperger, Tim, Russo, Alexandra, Smetsers, Step-hanie, Sparber-Sauer, Monika, **Stutz, Eveline**, Bourdeaut, Franck, Kratz, Christian P, De-moulin, Jean-Baptiste (2021): *Genetic testing and surveillance in infantile myofibromatosis: a report from the SIOPE Host Genome Working Group*. Familial cancer 20 (4), 327-336

<https://doi.org/10.5167/uzh-195555>

**Himmelreich, Nastassja, Blau, Nenad, Thöny, Beat** (2021): *Molecular and metabolic bases of tetrahydrobiopterin (BH4) deficiencies*. Molecular Genetics and Metabolism 133 (2), 123-136

<https://www.zora.uzh.ch/id/eprint/214276/>

**Himmelreich, Nastassja**, Montioli, Riccardo, Bertoldi, Mariarita, Carducci, Carla, Leuzzi, Vincenzo, **Gemperle, Corinne**, Berner, Todd, Hyland, Keith, **Thöny, Beat**, Hoffmann, Georg F, Voltattorni, Carla B, **Blau, Nenad** (2021): *Corrigendum to «Aromatic amino acid decarbo-xylyase deficiency: Molecular and metabolic basis and therapeutic outlook» [Mol Genet Metab. 2019 May;127(1):12-22]*. Molecular Genetics and Metabolism 134 (1-2), 216

<https://www.zora.uzh.ch/id/eprint/214659/>

Hörster, Friederike, Tuncel, Ali Tunç, Gleich, Florian, **Plessl, Tanja, Froese, Sean D**, Garbade, Sven F, Kölker, Stefan, **Baumgart-ner, Matthias R**, Additional Contributors from E-IMD (2021): *Delineating the clinical spectrum of isolated methylmalonic acidurias: cblA and mut*. Journal of Inherited Metabolic Disease 44 (1), 193-214

<https://doi.org/10.5167/uzh-191579>

Htay, Htay, Bello, Aminu K, Levin, Adeera, Lunney, Meaghan, Osman, Mohamed A, Ye, Feng, Ashuntantang, Gloria E, Bellorin-Font, Ezequiel, Gharbi, Mohammed Benganem, Davison, Sara N, Ghnaimat, Mohammad, Har-den, Paul, Jha, Vivekanand, Kalantar-Zadeh, Kamyar, Kerr, Peter G, Klarenbach, Scott, Kovcsy, Csaba P, **Luycck, Valerie A**, Neuen, Brendon, O'Donoghue, Donal, Ossareh, Shahrzad, Perl, Jeffrey, Rashid, Harun Ur, Rondeau, Eric, See, Emily J, Saad, Syed, Sola, Laura, Tchokhonelidze, Irma, Tesar, Vladimir, Tungsanga, Kriang, et al (2021): *Hemodialysis Use and Practice Patterns: An International Survey Study*. American Journal of Kidney Diseases 77 (3), 326-335.e1

<https://www.zora.uzh.ch/id/eprint/194528/>

**Huber, Reto**, Ghosh, Arko (2021): *Large cognitive fluctuations surrounding sleep in daily living*. iScience 24 (3), 102159

<https://doi.org/10.5167/uzh-202303>

Hugger, Sophie, Greif, Robert, **Corson, Nils I**, Nabecker, Sabine (2021): *High-fidelity hybrid simulation for emergency cricothyroidotomy using a three-dimensional printed larynx and a simulated patient*. European Journal of Anaesthesiology 38 (11), 1204-1207

<https://www.zora.uzh.ch/id/eprint/211609/>

Hui, Steve C N, Mikkelsen, Mark, Zöllner, Helge J, et al, **Tuura, Ruth O'Gorman** (2021): *Frequency drift in MR spectroscopy at 3T*. NeuroImage 241, 118430

<https://doi.org/10.5167/uzh-205805>

Hurth, Helene, Hauser, Till-Karsten, Haas, Patrick, Wang, Sophie, Mengel, Annerose, Tatagiba, Marcos, Ernemann, Ulrike, **Khan, Nadia**, Roder, Constantin (2021): *Early*

*Post-operative CT-Angiography Imaging After EC-IC Bypass Surgery in Moyamoya Patients*. Frontiers in Neurology 12, 655943-

<https://doi.org/10.5167/uzh-215747>

**Iffländer, Raphaela**, Erbarlas, Oksana, Machholz, Laura, Said, Katarzyna, **von Rhein, Michael** (2021): *Was bleibt nach der HFE von der HFE? Teil 2: Qualitative Erhebung*. FORUM Mitglieder-magazin des BVF (104), 38-42

<https://doi.org/10.5167/uzh-216634>

**Iffländer, Raphaela, von Rhein, Michael** (2021): *Der Umgang mit der Behinderung eines Kindes in der Familie: was kann die Heilpäda-gogische Früherziehung als familienorientierte Massnahme aus Sicht der Eltern beitragen?*. Schweizerische Zeitschrift für Heilpädagogik 27 (12), 24-30

<https://doi.org/10.5167/uzh-216637>

**Iffländer, Raphaela, von Rhein, Michael** (2020): *Was bleibt nach der HFE von der HFE? Teil 1: Qualitative Erhebung*. FORUM Mitglie-dermagazin des BVF (103), 8-13

<https://www.zora.uzh.ch/id/eprint/197466/>

Ifversen, Marianne, Meisel, Roland, Sedlacek, Petr, et al, **Güngör, Tayfun** (2021): *Supportive Care During Pediatric Hematopoietic Stem Cell Transplantation: Prevention of Infections. A Report From Workshops on Supportive Care of the Paediatric Diseases Working Party (PDWP) of the European Society for Blood and Marrow Transplantation (EBMT)*. Frontiers in Pediatrics 9, 705179

<https://doi.org/10.5167/uzh-214387>

Irwin, Adam D, Coin, Lachlan J M, Harris, Patrick N A, Cotta, Menino Osbert, Bauer, Michelle J, Buckley, Cameron, et al, **Schlap-bach, Luregn J** (2021): *Optimising Treatment Outcomes for Children and Adults Through Rapid Genome Sequencing of Sepsis Pathogens. A Study Protocol for a Prospective, Multi-Centre Trial (DIRECT)*. Frontiers in Cellular and Infection Microbiology 11, 667680

<https://doi.org/10.5167/uzh-211051>

Jaboyedoff, Manon, Rakic, Milenko, Bach-mann, Sara, **Berger, Christoph**, Diezi, Man-uel, Fuchs, Oliver, Frey, Urs, Gervaix, Alain, Glücksberg, Amalia Stefani, **Grotzer, Michael**, Heining, Ulrich, Kahlert, Christian R, Kaiser, Daniela, Kopp, Matthias V, **Lauener, Roger**, Neuhaus, Thomas J, **Paioni, Paolo**, Posfay-Barbe, Klara, Ramelli, Gian Paolo, Simeoni, Umberto, Simonetti, Giacomo, Sokollik, Christiane, Spycher, Ben D, Kuehni, Claudia E (2021): *SwissPedData: Standardising hospital records for the benefit of paediatric research*. Swiss Medical Weekly 151, w30069

<https://doi.org/10.5167/uzh-212946>

**Jakab, András, Payette, Kelly, Mazzone, Luca, Schauer, Sonja, Muller, Cécile Olivia, Kottke, Raimund, Ochsenbein-Kölbl, Nicole, Tuura, Ruth O'Gorman, Moehrlen, Ueli, Meuli, Martin** (2021): *Emerging magnetic resonance imaging techniques in open spina bifida in utero*. *European Radiology Experimental* 5, 23-33  
<https://doi.org/10.5167/uzh-204618>

**Jaramillo, Valeria, Jendoubi, Jasmine, Maric, Angelina, Mensen, Armand, Heyse, Natalie C, Eberhard-Moscicka, Aleksandra K, Wiest, Roland, Bassetti, Claudio L A, Huber, Reto** (2021): *Thalamic influence on slow wave sleep renormalization during sleep*. *Annals of Neurology* 90 (5), 821-833  
<https://doi.org/10.5167/uzh-206553>

**Jaramillo, Valeria, Schoch, Sarah F, Markovic, Andjela, Kohler, Malcolm, Huber, Reto, Lustenberger, Caroline, Kurth, Salome** (2021): *An Infant Sleep Electroencephalographic Marker of Thalamocortical Connectivity Predicts Behavioral Outcome in Late Infancy*. *ioRxiv*, 468053  
<https://doi.org/10.5167/uzh-216438>

Jenkins, Freya Sophie, Vasella, Flavio, Padevit, Luis, Mutschler, Valentino, Akeret, Kevin, **Velz, Julia**, Regli, Luca, Sarnthein, Johannes, Neidert, Marian Christoph (2021): *Preoperative risk factors associated with new focal neurological deficit and other major adverse events in first-time intracranial meningioma neurosurgery*. *Acta Neurochirurgica* 163 (10), 2871-2879  
<https://doi.org/10.5167/uzh-213243>

Jordi, Sebastian Bruno Ulrich, Botte, Federica, Lang, B M, Greuter, Thomas, Krupka, Niklas, Auschra, Bianca, Schreiner, Philipp, Sulz, Michael Christian, Biedermann, Luc, von Känel, Roland, Rogler, Gerhard, Begré, Stefan, Misselwitz, B, **Swiss IBD Cohort Study Group** (2021): *Type D personality is associated with depressive symptoms and clinical activity in inflammatory bowel disease*. *Alimentary Pharmacology & Therapeutics* 54 (1), 53-67  
<https://www.zora.uzh.ch/id/eprint/208755/>

Kaestlin, Jérôme, **Micic, Srdjan, Weber, Ronja, Müller, Simona, Perkins, Nathan, Berger, Christoph, Zenobi, Renato, Bruderer, Tobias, Moeller, Alexander** (2021): *Differentiation of Cystic Fibrosis-Related Pathogens by Volatile Organic Compound Analysis with Secondary Electrospray Ionization Mass Spectrometry*. *Metabolites* 11 (11), 773  
<https://doi.org/10.5167/uzh-209078>

Kaiser, Robert A, Carlson, Daniel F, Allen, Kari L, Webster, Dennis A, VanLith, Caitlin J, Nicolas, Clara T, Hillin, Lori G, Yu, Yue, Kaiser,

Catherine W, Wahoff, William R, Hickey, Raymond D, Watson, Adrienne L, Winn, Shelley R, **Thöny, Beat, Kern, Douglas R, Harding, Cary O, Lillegard, Joseph B** (2021): *Development of a porcine model of phenylketonuria with a humanized R408W mutation for gene editing*. *PLoS ONE* 16, e0245831  
<https://doi.org/10.5167/uzh-214631>

**Kakebeeke, Tanja H, Chaouch, A, Caflisch, J, Knaier, E, Rousson, V, Jenni, Oskar G** (2021): *Motor development in children and adolescents: role of body mass index and socioeconomic status*. *European Journal of Pediatrics* 180 (7), 2341-2342  
<https://doi.org/10.5167/uzh-214150>

**Kakebeeke, Tanja H, Chaouch, Aziz, Caflisch, Jon, Knaier, Elisa, Rousson, Valentin, Jenni, Oskar G** (2021): *Impact of body mass index and socio-economic status on motor development in children and adolescents*. *European Journal of Pediatrics* 180 (6), 1777-1787  
<https://doi.org/10.5167/uzh-199010>

Kalkmann, Hans O, **Hersberger, Martin, Walitza, Susanne, Berger, Gregor E** (2021): *Disentangling the Molecular Mechanisms of the Antidepressant Activity of Omega-3 Polyunsaturated Fatty Acid: A Comprehensive Review of the Literature*. *International Journal of Molecular Sciences* 22, 4393  
<https://doi.org/10.5167/uzh-202840>

**Karzig, Nicolas, Tuura, Ruth O'Gorman** (2021): *Lösen Montessori-Schüler\_innen Mathematikaufgaben besser als solche des traditionellen Schulsystems?*. *Lernen und Lernstörungen* 10 (2), 115  
<https://www.zora.uzh.ch/id/eprint/202432/>

Kaufmann, Liane, **von Aster, Michael** (2021): *Der Transfer zwischen Forschung und Praxis: Ein Dauerbrenner*. *Lernen und Lernstörungen* 10 (2), 59-61  
<https://doi.org/10.5167/uzh-202430>

Kawel-Boehm, Nadine, Hetzel, Scott J, Ambale-Venkatesh, Bharath, Captur, Gabriela, Francois, Christopher J, Jerosch-Herold, Michael, Salerno, Michael, Teague, Shawn D, **Valsangiacomo-Buechel, Emanuela**, van der Geest, Rob J, Bluemke, David A (2021): *Correction to: Reference ranges («normal values») for cardiovascular magnetic resonance (CMR) in adults and children: 2020 update*. *Journal of Cardiovascular Magnetic Resonance* 23, 114  
<https://doi.org/10.5167/uzh-212844>

Kay, Robert M, Pierz, Kristan, McCarthy, James, Graham, H Kerr, Chambers, Henry, Davids, Jon R, Narayanan, Unni, Novacheck, Tom F, Rhodes, Jason, Rutz, Erich, Shilt, Jef-

frey, Shore, Benjamin J, Veerkamp, Matthew, Shrader, M Wade, Theologis, Tim, Van Campenhout, Anja, **Dreher, Thomas** (2021): *Distal rectus femoris surgery in children with cerebral palsy: results of a Delphi consensus project*. *Journal of Children's Orthopaedics* 15 (3), 270-278  
<https://doi.org/10.5167/uzh-215834>

Kazimova, Tamara, Tschanz, Fabienne, Sharma, Ashish, Telarovic, Irma, **Wachtel, Marco, Pedot, Gloria, Schäfer, Beat W, Pruschy, Martin** (2021): *Paracrine Placental Growth Factor Signaling in Response to Ionizing Radiation Is p53-Dependent and Contributes to Radioresistance*. *Molecular Cancer Research* 19 (6), 1051-1062  
<https://doi.org/10.5167/uzh-208519>

**Keller, Jeffrey W, Fahr, Annina, Balzer, Julia, Lieber, Jan, Van Hedel, Hubertus J A** (2021): *Validity and reliability of an electromyography-based upper limb assessment quantifying selective voluntary motor control in children with upper motor neuron lesions*. *Science Progress* 104 (2), 003685042110080  
<https://doi.org/10.5167/uzh-214212>

**Keller, Jeffrey W, Fahr, Annina, Lieber, Jan, Balzer, Julia, Van Hedel, Hubertus J A** (2021): *Impact of Upper Extremity Impairment and Trunk Control on Self-Care Independence in Children With Upper Motor Neuron Lesions*. *Physical Therapy* 101 (8), pzb112  
<https://doi.org/10.5167/uzh-214208>

Kelly, Dearbhla M, Anders, Hans-Joachim, Bello, Aminu K, Choukroun, Gabriel, et al, **Luyckx, Valerie Ann, Mueller, Thomas F** (2021): *International Society of Nephrology Global Kidney Health Atlas: structures, organization, and services for the management of kidney failure in Western Europe*. *Kidney International Supplements* 11 (2), e106-e118  
<https://doi.org/10.5167/uzh-208271>

**Kemper, Michael, Fischer, Martina, Grass, Beate, Dave, Mital H, Weiss, Markus** (2021): *Insertion of cuff inflation line into pediatric tracheal tubes related to oral and nasal tracheal intubation depth*. *Paediatric Anaesthesia* 31 (6), 695-701  
<https://www.zora.uzh.ch/id/eprint/202829/>

**Kemper, Melanie, Kemper, Michael, Nicolai, Thomas, Dave, Mital Hitendu, Henze, Georg, Weiss, Markus** (2021): *Dimensional compatibility of rigid ventilating bronchoscopes with pediatric airway anatomy using different recommendations for age-related sizing - A bench study*. *Paediatric Anaesthesia* 31 (11), 1140-1149  
<https://doi.org/10.5167/uzh-211961>

**Kemper, Michael, Kleine-Brueggene, Maren, Moser, Berthold, Both, Christian P, Weiss, Markus** (2021): *Dimensional compatibility of currently available equipment for cricothyroidotomy and adult airway anatomy: an in vitro analysis*. British Journal of Anaesthesia 127 (3), 479-486  
<https://www.zora.uzh.ch/id/eprint/206885/>

Khan, Sara, Solano-Paez, Palma, Suwal, Tannu, Lu, Mei, Al-Karmi, Salma, Ho, Ben, Mumal, Iqra, Shago, Mary, Hoffman, Lindsey M, Dodgshun, Andrew, Nobusawa, Sumihito, Tabori, Uri, Bartels, Ute, Ziegler, David S, Hansford, Jordan R, Ramaswamy, Vijay, Hawkins, Cynthia, Dufour, Christelle, André, Nicolas, Bouffet, Eric, Huang, Annie, **Rare Brain Tumor Registry** (2021): *Clinical phenotypes and prognostic features of embryonal tumours with multi-layered rosettes: a Rare Brain Tumor Registry study*. The Lancet Child 5 (11), 800-813  
<https://www.zora.uzh.ch/id/eprint/212959/>

Kido, Jun, Matsumoto, Shirou, **Häberle, Johannes**, Inomata, Yukihiko, Kasahara, Mureo, Sakamoto, Seisuke, Horikawa, Reiko, Tanemura, Akihiro, Okajima, Hideaki, Suzuki, Tatsuya, Nakamura, Kimitoshi (2021): *Role of liver transplantation in urea cycle disorders: Report from a nationwide study in Japan*. Journal of Inherited Metabolic Disease 44 (6), 1311-1322  
<https://www.zora.uzh.ch/id/eprint/217462/>

Kido, Jun, Matsumoto, Shirou, **Häberle, Johannes**, Nakajima, Yoko, Wada, Yoichi, Mochizuki, Narutaka, Murayama, Kei, Lee, Tomoko, Mochizuki, Hiroshi, Watanabe, Yoriko, Horikawa, Reiko, Kasahara, Mureo, Nakamura, Kimitoshi (2021): *Long-term outcome of urea cycle disorders: Report from a nationwide study in Japan*. Journal of Inherited Metabolic Disease 44 (4), 826-837  
<https://www.zora.uzh.ch/id/eprint/217463/>

Kiessling, Eva, Nötzli, Sarah, Todorova, Vyara, Forny, Merima, **Baumgartner, Matthias R**, Samardzija, Marijana, Krijt, Jakub, Kožich, Viktor, Grimm, Christian, **Froese, D Sean** (2021): *Absence of MMACHC in peripheral retinal cells does not lead to an ocular phenotype in mice*. Biochimica et Biophysica Acta. Molecular Basis of Disease 1867 (10), 166201  
<https://doi.org/10.5167/uzh-208682>

Klaus, Federica, Guetter, Karoline, Schlegel, Rebecca, Seifritz, Erich, **Rassi, Anahita, Thöny, Beat**, Cathomas, Flurin, Kaiser, Stefan (2021): *Peripheral bipterin and neopterin in schizophrenia and depression*. Psychiatry Research 297, 113745  
<https://doi.org/10.5167/uzh-214633>

Klionsky, Daniel J, Abdel-Aziz, Amal Kamal, Abdelfatah, Sara, et al, **Bornhauser, Beat** (2021): *Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)*1. Autophagy 17 (1), 1-382  
<https://doi.org/10.5167/uzh-213052>

**Knirsch, Walter, Schweiger, Martin, Quandt, Daniel, Dave, Hitendu, Kretschmar, Oliver** (2021): *Comparing acute and long-term outcome of critical neonatal native aortic coarctation treated by combined stent-surgery approach or by primary surgery*. International Journal of Cardiology Congenital Heart Disease 4, 100170  
<https://doi.org/10.5167/uzh-212860>

**Knöpfel, N, Theiler, Martin**, Nieman, Elizabeth, **Gnann, Ralph, Kottke, Raimund, Altermatt, Stefan**, Bayliss, Susan J, **Weibel, Lisa** (2021): *Sinus pericranii with facial involvement-A great mimicker*. Pediatric Dermatology 38 (4), 899-903  
<https://doi.org/10.5167/uzh-205117>

Koch, Gilbert, Steffens, Britta, Leroux, Stephanie, Gotta, Verena, Schropp, Johannes, Gächter, Pascal, Bachmann, Freya, Welzel, Tatjana, Janner, Marco, L'Allemand, Dagmar, **Konrad, Daniel**, Szinnai, Gabor, Pfister, Marc (2021): *Modeling of levothyroxine in newborns and infants with congenital hypothyroidism: challenges and opportunities of a rare disease multi-center study*. Journal of Pharmacokinetics and Pharmacodynamics 48 (5), 711-723  
<https://doi.org/10.5167/uzh-205280>

Kohns Vasconcelos, Malte, **Meyer Sauter, Patrick M**, Santoro, Regina, Coslovsky, Michael, Lurà, Marco, Keitel, Kristina, Wachinger, Tanja, Beglinger, Svetlana, Heining, Ulrich, van den Anker, Johannes, Bielicki, Julia Anna (2020): *Randomised placebo-controlled multicentre effectiveness trial of adjunct betamethasone therapy in hospitalised children with community-acquired pneumonia: a trial protocol for the KIDS-STEP trial*. BMJ Open 10 (12), e041937  
<https://doi.org/10.5167/uzh-213935>

Kohns Vasconcelos, Malte, **Meyer Sauter, Patrick M**, Keitel, Kristina, Santoro, Regina, Heining, Ulrich, van den Anker, John, Bielicki, Julia A (2021): *Strikingly Decreased Community-acquired Pneumonia Admissions in Children Despite Open Schools and Day-care Facilities in Switzerland*. The Pediatric Infectious Disease Journal 40 (4), e171-e172  
<https://doi.org/10.5167/uzh-213934>

Kottmaier, Marc, Baur, Ariela, Lund, Sarah, Bourier, Felix, Reents, Tilko, Semmler, Verena, Telishevska, Martha, **Berger, Florian**, Koch-Büttner, Katharina, Lennerz, Carsten, Popa, Miruna, Kornmayer, Marielouise, Rousseva, Elena, Brooks, Stephanie, Brkic, Amir, Grebmer, Christian, Kolb, Christoph, Deisenhofer, Isabel, Hessling, Gabriele (2020): *Atrial fibrillation ablation in adults with congenital heart disease on uninterrupted oral anticoagulation is safe and efficient*. Clinical Research in Cardiology 109 (7), 904-910  
<https://www.zora.uzh.ch/id/eprint/199518/>

Kowatsch, Tobias, Schachner, Theresa, Harperink, Samira, Barata, Filipe, Dittler, Ullrich, Xiao, Grace, Stanger, Catherine, v Wangenheim, Florian, Fleisch, Elgar, Oswald, Helmut, **Moeller, Alexander** (2021): *Conversational Agents as Mediating Social Actors in Chronic Disease Management Involving Health Care Professionals, Patients, and Family Members: Multisite Single-Arm Feasibility Study*. Journal of Medical Internet Research 23 (2), e25060  
<https://doi.org/10.5167/uzh-216775>

Kožich, Viktor, Sokolová, Jitka, Morris, Andrew A M, Pavlíková, Markéta, Gleich, Florian, Kölker, Stefan, Krijt, Jakub, Dionisi-Vici, Carlo, **Baumgartner, Matthias R**, Blom, Henk J, **Huemer, Martina** (2021): *Cystathionine  $\beta$ -synthase deficiency in the E-HOD registry-part I: pyridoxine responsiveness as a determinant of biochemical and clinical phenotype at diagnosis*. Journal of Inherited Metabolic Disease 44 (3), 677-692  
<https://doi.org/10.5167/uzh-195357>

Kozyra, Emilia J, Göhring, Gudrun, Hickstein, Dennis D, Calvo, Katherine R, DiNardo, Courtney D, Dworzak, Michael, de Haas, Valerie, Stary, Jan, Hasle, Henrik, Shimamura, Akiko, Fleming, Mark D, Inaba, Hiroto, Lewis, Sara, Hsu, Amy P, Holland, Steven M, Arnold, Danielle E, Mecucci, Cristina, Keel, Siobán B, Bertuch, Alison A, Tawana, Kiran, Barzilai, Shlomit, Hirabayashi, Shinsuke, Onozawa, Masahiro, Lei, Shaohua, Alaiz, Helena, Andrikovics, Hajnalka, Betts, David, Beverloo, Berna H, Buechner, Jochen, Čermák, Martin, et al, **Tchinda, Joelle** (2021): *Association of unbalanced translocation der(1;7) with germline GATA2 mutations*. Blood 138 (23), 2441-2445  
<https://www.zora.uzh.ch/id/eprint/212937/>

Kriemler, Susi, Ulyte, Agne, Ammann, Priska, Peralta, Gabriela P, **Berger, Christoph**, Puhon, Milo A, Radtke, Thomas (2021): *Surveillance of Acute SARS-CoV-2 Infections in School Children and Point-Prevalence During a Time of High Community Transmission in Switzerland*. Frontiers in Pediatrics 9, 645577  
<https://doi.org/10.5167/uzh-212707>

Kumar, Rahul, Smith, Kyle S, Deng, Maximilian, Terhune, Colt, Robinson, Giles W, Orr, Brent A, Liu, Anthony P Y, Lin, Tong, Billups, Catherine A, Chintagumpala, Murali, Bowers, Daniel C, Hassall, Timothy E, Hansford, Jordan R, Khuong-Quang, Dong Anh, Crawford, John R, Bendel, Anne E, Gururangan, Sridharan, Schroeder, Kristin, Bouffet, E, Bartels, Ute, Fisher, Michael J, Cohn, Richard, Partap, Sonia, Kellie, Stewart J, McCowage, Geoffrey, Paulino, Arnold C, Rutkowski, Stefan, Fleischhack, Gudrun, Dhall, Girish, Klesse, Laura J, et al, **Nazarian, Javad** (2021): *Clinical Outcomes of Patient-Matched Molecular Composition of Relapsed Medulloblastoma*. Journal of Clinical Oncology 39 (7), 807-821  
<https://doi.org/10.5167/uzh-212960>

**Küpfer, Laura**, Meng, Bun, Laurent, Denis, Zimmermann, Martin, **Niggli, Felix, Bourquin, Jean-Pierre**, Malene, Iv (2021): *Treatment of children with acute lymphoblastic leukemia in Cambodia*. Pediatric Blood & Cancer 68 (10), e29184  
<https://doi.org/10.5167/uzh-213008>

Lannen, Patricia, Sand, Hannah, Sticca, Fabio, Ruiz Gallego, Ivan, Bombach, Clara, Simoni, Heidi, **Wehrle, Flavia Maria, Jenni, Oskar G** (2021): *Development and Health of Adults Formerly Placed in Infant Care Institutions – Study Protocol of the LifeStories Project*. Frontiers in Human Neuroscience 14, 611691  
<https://doi.org/10.5167/uzh-199015>

**Laubscher, Dominik**, Gryder, Berkley E, Sunkel, Benjamin D, Andresson, Thorkell, **Wachtel, Marco**, Das, Sudipto, Roschitzki, Bernd, Wolski, Witold, Wu, Xiaoli S, Chou, Hsien-Chao, Song, Young K, Wang, Chaoyu, Wei, Jun S, Wang, Meng, Wen, Xinyu, **Ng, Qu, Ai, Marques, Joana G**, Vakoc, Christopher R, **Schäfer, Beat W**, Stanton, Benjamin Z, Khan, Javed (2021): *BAF complexes drive proliferation and block myogenic differentiation in fusion-positive rhabdomyosarcoma*. Nature Communications 12 (1), 6924  
<https://doi.org/10.5167/uzh-210814>

Lavieri, Luana, Koenig, Christa, **Bodmer, Nicole**, Agyeman, Philipp K A, Scheinemann, Katrin, Ansari, Marc, Roessler, Jochen, Ammann, Roland A (2021): *Predicting fever in neutropenia with safety-relevant events in children undergoing chemotherapy for cancer: The prospective multicenter SPOG 2015 FN Definition Study*. Pediatric Blood & Cancer 68 (12), e29253  
<https://doi.org/10.5167/uzh-212931>

Layer, P, Andresen, V, Allescher, H, Bischoff, S C, et al, **Posovszky, Carsten** (2021): *Update S3-Leitlinie Reizdarmsyndrom: Definition,*

*Pathophysiologie, Diagnostik und Therapie. Gemeinsame Leitlinie der Deutschen Gesellschaft für Gastroenterologie, Verdauungs- und Stoffwechselkrankheiten (DGVS) und der Deutschen Gesellschaft für Neurogastroenterologie und Motilität (DGNM) – Juni 2021 – AWMF-Registriernummer: 021/016*. Zeitschrift für Gastroenterologie 59 (12), 1323-1415  
<https://doi.org/10.5167/uzh-214350>

Leboucher, J, Salami, F, Öztürk, O, Heitzmann, D W W, Götze, M, **Dreher, Thomas**, Wolf, S I (2021): *Focusing on functional knee parameter determination to develop a better clinical gait analysis protocol*. Gait & Posture 84, 127-136  
<https://www.zora.uzh.ch/id/eprint/215831/>

Ledergerber, Martina, Lang, Brian M, Heinrich, Henriette, Biedermann, Luc, Bégré, Stefan, Zeitz, Jonas, Krupka, Niklas, Rickenbacher, Andreas, Turina, Matthias, Greuter, Thomas, Schreiner, Philipp, Roth, René, Siebenhüner, Alexander, Vavricka, Stephan R, Rogler, Gerhard, Beerenwinkel, Niko, Misselwitz, B, **Swiss IBD Cohort Study Group** (2021): *Abdominal pain in patients with inflammatory bowel disease: association with single-nucleotide polymorphisms prevalent in irritable bowel syndrome and clinical management*. BMC Gastroenterology 21, 53  
<https://doi.org/10.5167/uzh-208761>

Lehrnbecher, Thomas, Simon, Arne, Laws, Hans-Jürgen, Agyeman, Philipp KA, Ammann, Roland A, Attarbaschi, Andishe, **Berger, Christoph**, Bochennek, Konrad, Neubert, Jennifer, Poyer, Fiona, Scheler, Max, Strenger, Volker, Vieth, Simon, Zoellner, Stefan, Groll, Andreas H (2021): *Antibakterielle Prophylaxe in der Pädiatrischen Hämatologie und Onkologie*. Klinische Pädiatrie 233 (03), 101-106  
<https://doi.org/10.5167/uzh-209287>

**Lenherr, Nina**, Christodoulou, John, Duley, John, Dobritzsch, Doreen, Fairbanks, Lynette, Datta, Alexandre N, Filges, Isabel, Gürtler, Nicolas, Roelofsen, Jeroen, van Kuilenburg, André B P, Kemper, Claudia, West, Erin E, Szinnai, Gabor, **Huemer, Martina** (2021): *Co-therapy with S-adenosylmethionine and nicotinamide riboside improves t-cell survival and function in Arts Syndrome (PRPS1 deficiency)*. Molecular Genetics and Metabolism Reports 26, 100709  
<https://doi.org/10.5167/uzh-213638>

Li, Daphne, Bonner, Erin R, Wierzbicki, Kyle, Panditharatna, Eshini, Huang, Tina, Lulla, Rishi, **Mueller, Sabine**, Koschmann, Carl, **Nazarian, Javad**, Saratsis, Amanda M (2021): *Standardization of the liquid biopsy for pediatric*

*diffuse midline glioma using ddPCR*. Scientific Reports 11, 5098  
<https://doi.org/10.5167/uzh-212965>

Li, Ting, van Rooij, Daan, Roth Mota, Nina, Buitelaar, Jan K, **ENIGMA ADHD Working Group**, Hoogman, Martine, Arias Vasquez, Alejandro, Franke, Barbara, et al, Brandeis, Daniel, Brem, Silvia, Walitza, Susanne (2021): *Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes*. Journal of Child Psychology and Psychiatry 62 (9), 1140-1149  
<https://doi.org/10.5167/uzh-206176>

Li, Yajuan, Tan, Zhi, Zhang, Yaohua, Zhang, Zhao, et al, **Blau, Nenad** (2021): *A noncoding RNA modulator potentiates phenylalanine metabolism in mice*. Science 373 (6555), 662-673  
<https://www.zora.uzh.ch/id/eprint/214270/>

**Lim, Pei Jin, Marfurt, Severin, Lindert, Uschi**, Opitz, Lennart, **Ndarugendamwo, Timothée, Srikanthan, Pakeerathan, Poms, Martin, Hersberger, Martin**, Langhans, Claus-Dieter, Haas, Dorothea, **Rohrbach, Marianne, Giunta Meyer, Cecilia** (2021): *Omics Profiling of S2P Mutant Fibroblasts as a Mean to Unravel the Pathomechanism and Molecular Signatures of X-Linked MBTPS2 Osteogenesis Imperfecta*. Frontiers in Genetics 12, 662751  
<https://doi.org/10.5167/uzh-210793>

Lissat, Andrej, van Schewick, Claudia, Steffen, Ingo G, Arakawa, Ayumu, **Bourquin, Jean-Pierre**, Burkhardt, Birgit, Henze, Guenter, Mann, Georg, Peters, Christina, Sramkova, Lucie, Eckert, Cornelia, von Stackelberg, Arend, Chen-Santel, Christiane (2021): *Other (Non-CNS/Testicular) Extramedullary Localizations of Childhood Relapsed Acute Lymphoblastic Leukemia and Lymphoblastic Lymphoma-A Report from the ALL-REZ Study Group*. Journal of clinical medicine 10 (22), 5292  
<https://doi.org/10.5167/uzh-213018>

Locatelli, Franco, Zugmaier, Gerhard, Mergen, Noemi, Bader, Peter, Jeha, Sima, Schlegel, Paul-Gerhardt, **Bourquin, Jean-Pierre**, Handgretinger, Rupert, Brethon, Benoît, Rossig, Claudia, Chen-Santel, Christiane (2021): *Author Correction: Blinatumomab in pediatric patients with relapsed/refractory acute lymphoblastic leukemia: results of the RIALTO trial, an expanded access study*. Blood Cancer Journal 11 (2), 28  
<https://doi.org/10.5167/uzh-213023>

Locatelli, Franco, Zugmaier, Gerhard, Mergen, Noemi, Bader, Peter, Jeha, Sima, Schlegel, Paul-Gerhardt, **Bourquin, Jean-Pierre**, Handgretinger, Rupert, Brethon, Benoît, Rossig, Claudia, Chen-Santel, Christiane (2021):

Correction: *Blinatumomab in pediatric patients with relapsed/refractory acute lymphoblastic leukemia: results of the RIALTO trial, an expanded access study.* Blood Cancer Journal 11 (10), 173  
<https://doi.org/10.5167/uzh-213009>

Long, Elliot, **Schlapbach, Luregn J**, Babl, Franz E (2021): *The challenge of infrequency.* Acta Paediatrica 110 (3), 1075  
<https://www.zora.uzh.ch/id/eprint/193110/>

Lorts, Angela, Conway, Jennifer, **Schweiger, Martin**, et al (2021): *ISHLT consensus statement for the selection and management of pediatric and congenital heart disease patients on ventricular assist devices Endorsed by the American Heart Association.* Journal of Heart and Lung Transplantation 40 (8), 709-732  
<https://www.zora.uzh.ch/id/eprint/215742/>

Lou, Phing-How, Lucchinetti, Eliana, **Wawrzyniak, Paulina**, Morsy, Yasser, Wawrzyniak, Marcin, Scharl, Michael, Krämer, Stefanie D, Rogler, Gerhard, **Hersberger, Martin**, Zaugg, Michael (2021): *Choice of Lipid Emulsion Determines Inflammation of the Gut-Liver Axis, Incretin Profile, and Insulin Signaling in a Murine Model of Total Parenteral Nutrition.* Molecular Nutrition & Food Research 65 (5), e2000412  
<https://www.zora.uzh.ch/id/eprint/189340/>

Lourenço, Charles Marques, Dovidio, Janaina, Lopes, Isabela F, Silva, Laís C, Almeida, Marcela, Vagnini, Laura, Fonseca, Jacqueline, Carneiro, Zumira A, **Thöny, Beat** (2021): *Sap-ropterin dihydrochloride therapy in dihydropteridine reductase deficiency: Insight from the first case with molecular diagnosis in Brazil.* JIMD Reports 61 (1), 19-24  
<https://doi.org/10.5167/uzh-214650>

Lucchinetti, Eliana, Lou, Phing-How, **Wawrzyniak, Paulina**, Wawrzyniak, Marcin, Scharl, Michael, Holtzhauer, Gregory A, Krämer, Stefanie D, **Hersberger, Martin**, Rogler, Gerhard, Zaugg, Michael (2021): *Novel strategies to prevent total parenteral nutrition-induced gut and liver inflammation, and adverse metabolic outcomes.* Molecular Nutrition & Food Research 65 (5), e1901270  
<https://doi.org/10.5167/uzh-187595>

**Lucienne, Marie**, Gerlini, Raffaele, Rathkolb, Birgit, Calzada-Wack, Julia, **Forny, Patrick**, **Wueest, Stephan**, Kaech, Andres, **Traversi, Florian**, Forny, Merima, **Bürer, Céline**, Aguilar-Pimentel, Juan Antonio, Irmeler, Martin, Beckers, Johannes, Sauer, Sven, Kölker, Stefan, Dewulf, Joseph P, Bommer, Guido T, Hoces, Daniel, Gailus-Durner, Valerie, Fuchs, Helmut, Rozman, Jan, **Froese, D Sean**, **Baumgartner, Matthias R**, Hrabe de

Angelis, Martin (2021): *Insights into energy balance dysregulation from a mouse model of methylmalonic aciduria.* ioRxiv, 470541v1  
<https://doi.org/10.5167/uzh-213084>

**Luyckx, Valerie Ann** (2021): *Equity Is Key to Build Back Better after COVID-19: Prioritize Noncommunicable Diseases and Kidney Health.* Kidney360 2 (4), 747-750  
<https://doi.org/10.5167/uzh-214844>

**Luyckx, Valerie Ann** (2021): *Introduction: Ethical Issues in Nephrology.* Seminars in Nephrology 41 (3), 201-202  
<https://www.zora.uzh.ch/id/eprint/208266/>

**Luyckx, Valerie Ann**, Al-Aly, Ziyad, Bello, Aminu K, Bellorin-Font, Ezequiel, Carlini, Raul G, Fabian, June, Garcia-Garcia, Guillermo, Iyengar, Arpana, Sekkarie, Mohammed, van Biesen, Wim, Ulasi, Ifeoma, Yeates, Karen, Stanifer, John (2021): *Publisher Correction: Sustainable Development Goals relevant to kidney health: an update on progress.* Nature Reviews. Nephrology 17 (10), 704  
<https://doi.org/10.5167/uzh-208263>

**Luyckx, Valerie Ann**, Al-Aly, Ziyad, Bello, Aminu K, Bellorin-Font, Ezequiel, Carlini, Raul G, Fabian, June, Garcia-Garcia, Guillermo, Iyengar, Arpana, Sekkarie, Mohammed, van Biesen, Wim, Ulasi, Ifeoma, Yeates, Karen, Stanifer, John (2021): *Sustainable Development Goals relevant to kidney health: an update on progress.* Nature Reviews. Nephrology 17 (1), 15-32  
<https://www.zora.uzh.ch/id/eprint/194526/>

**Luyckx, Valerie Ann**, Harris, David C H, Varghese, Cherian, Jha, Vivekanand (2021): *Bringing equity in access to quality dialysis.* The Lancet 398 (10294), 10-11  
<https://www.zora.uzh.ch/id/eprint/208272/>

**Luyckx, Valerie Ann**, Moosa, M Rafique (2021): *Priority Setting as an Ethical Imperative in Managing Global Dialysis Access and Improving Kidney Care.* Seminars in Nephrology 41 (3), 230-241  
<https://www.zora.uzh.ch/id/eprint/208265/>

Lyons, Sarah A, Knulst, André C, Burney, Peter G J, Fernández-Rivas, Montserrat, Ballmer-Weber, Barbara K, Barreales, Laura, **Bieli, Christian**, Clausen, Michael, Dubakiene, Ruta, Fernandez-Perez, Cristina, Jedrzczak-Czechowicz, Monika, Kowalski, Marek L, Kummeling, Ischa, Kralimarkova, Tanya, Mastakov, Tihomir B, van Os-Medendorp, Harmieke, Papadopoulos, Nikolaos G, Popov, Todor A, Potts, James, Versteeg, Serge A, Xepapadaki, Paraskevi, Welsing, Paco M J, Mills, Clare, van Ree, Ronald, Le, Thuy-My (2021):

*Predicting food allergy: The value of patient history reinforced.* Allergy 76 (5), 1454-1462  
<https://doi.org/10.5167/uzh-191234>

MacLeod, R, Paulson, J N, Okalany, N, Okello, F, Acom, L, Ikiror, J, Cowan, F M, Tann, C J, Dyet, L E, **Hagmann, C F**, Burgoine, K (2021): *Intraventricular haemorrhage in a Ugandan cohort of low birth weight neonates: the IVHU study.* BMC Pediatrics 21, 12  
<https://doi.org/10.5167/uzh-195812>

Makanda-Charambira, Privilage D, Nourse, Peter, **Luyckx, Valerie Ann**, Coetzee, Ashton, McCulloch, Mignon (2021): *TB in paediatric kidney transplant recipients - A single-centre experience.* Pediatric Transplantation 26, e14141  
<https://www.zora.uzh.ch/id/eprint/208262/>

**Makris, Georgios**, **Lauber, Matthias**, **Rüfenacht, Véronique**, **Gemperte, Corinne**, **Diez-Fernandez, Carmen**, Caldovic, Ljubica, **Froese, D. Sean**, **Häberle, Johannes** (2021): *Clinical and structural insights into potential dominant negative triggers of proximal urea cycle disorders.* Biochimie 183, 89-99  
<https://doi.org/10.5167/uzh-195734>

Malalasekera, Vajirane S, D'Arcy, Colleen E, Mignone, Cristina, Wray, Alison C, **Nazarian, Javad**, Freeman, Jeremy L, Hansford, Jordan R (2021): *An unexpected disease course for a patient with diffuse midline glioma.* Pediatric Blood & Cancer 68 (10), e29205  
<https://www.zora.uzh.ch/id/eprint/212962/>

**Manzella, Gabriele**, **Moonamale, Devmini C**, **Römmele, Michaela**, Bode, Peter, **Wachtel, Marco**, **Schäfer, Beat W** (2021): *A combinatorial drug screen in PDX-derived primary rhabdomyosarcoma cells identifies the NOXA - BCL-XL/MCL-1 balance as target for re-sensitization to first-line therapy in recurrent tumors.* Neoplasia 23 (9), 929-938  
<https://doi.org/10.5167/uzh-205584>

Marcu, Ana, Bichmann, Leon, Kuchenbeker, Leon, Kowalewski, Daniel Johannes, Freudenmann, Lena Katharina, Backert, Linus, Mühlenbruch, Lena, Szolek, Andrés, Lübke, Maren, Wagner, Philipp, Engler, Tobias, Matovina, Sabine, Wang, Jian, **Hauri-Hohl, Mathias**, Martin, Roland, Kapolou, Konstantina, Walz, Juliane Sarah, **Velz, Julia**, Moch, Holger, Regli, Luca, Silginer, Manuela, Weller, Michael, Löffler, Markus W, Erhard, Florian, Schlosser, Andreas, Kohlbacher, Oliver, Stevanovic, Stefan, Rammensee, Hans-Georg, Neidert, Marian Christoph (2021): *HLA Ligand Atlas: a benign reference of HLA-presented peptides to improve T-cell-based cancer*

*immunotherapy*. Journal for ImmunoTherapy of Cancer 9 (4), 18

<https://doi.org/10.5167/uzh-203647>

Marelli, Cecilia, Lavigne, Christian, Stepien, Karolina M, Janssen, Mirian C H, Feillet, François, Kožich, Viktor, Jesina, Pavel, Schüle, Rebecca, Kessler, Christoph, Redonnet-Vernhet, Isabelle, Regnier, Adeline, **Burda, Patricie, Baumgartner, Matthias**, Benoist, Jean-Francois, **Huemer, Martina**, Mochel, Fanny (2021): *Clinical and molecular characterization of adult patients with late-onset MTHFR deficiency*. Journal of Inherited Metabolic Disease 44 (3), 777-786

<https://www.zora.uzh.ch/id/eprint/195361/>

**Marsico, Petra, Graser, Judith V, Van Hedel, Hubertus J A** (2021): *Effectiveness of Facilitation, Arrangement of Task and Situation, (Non-)verbal Communication, and Counseling of Caregivers in Children with Neuromotor Disorders: a Systematic Review*. Advances in Neurodevelopmental Disorders 5 (4), 360-380

<https://doi.org/10.5167/uzh-214268>

**Marsico, Petra, Frontzek-Weps, Victoria, Van Hedel, Hubertus J A** (2021): *Velocity dependent measure of spasticity: Reliability in children and juveniles with neuromotor disorders*. Journal of Pediatric Rehabilitation Medicine 14 (2), 219-226

<https://doi.org/10.5167/uzh-214211>

Martínez-Fernández, Raúl, Mahendran, Sujitha, Pineda-Pardo, Jose Angel, Imbach, Lukas L, Máñez-Miró, Jorge U, Büchele, Fabian, Del Álamo, Marta, Rodriguez-Rojas, Rafael, Hernández-Fernández, Frida, **Werner, Beat**, Matarazzo, Michele, Obeso, Ignacio, Gonzalez-Quarante, Lain H, Deuschl, Günther, Stieglitz, Lennart, Baumann, Christian R, Obeso, Jose A (2021): *Bilateral staged magnetic resonance-guided focused ultrasound thalamotomy for the treatment of essential tremor: a case series study*. Journal of Neurology, Neurosurgery, and Psychiatry 92 (9), 927-931

<https://doi.org/10.5167/uzh-202903>

Märtner, E M Charlotte, Maier, Esther M, Mengler, Katharina, Thimm, Eva, Schiergens, Katharina A, Marquardt, Thorsten, Santer, René, Weinhold, Natalie, Marquardt, Iris, Das, Anibh M, Freisinger, Peter, Grünert, Sarah C, Vossbeck, Judith, **Steinfeld, Robert, Baumgartner, Matthias R**, Beblo, Skadi, Dieckmann, Andrea, Näke, Andrea, Lindner, Martin, Heringer-Seifert, Jana, Lenz, Dominic, Hoffmann, Georg F, Mühlhausen, Chris, Ensenauer, Regina, Garbade, Sven F, Kölker, Stefan, Boy, Nikolas (2021): *Impact of interventional and non-interventional variables on anthropometric long-term development in*

*glutaric aciduria type 1: A national prospective multi-centre study*. Journal of Inherited Metabolic Disease 44 (3), 629-638

<https://doi.org/10.5167/uzh-195360>

Märtner, E M Charlotte, Thimm, Eva, Guder, Philipp, Schiergens, Katharina A, et al, **Baumgartner, Matthias R** (2021): *Publisher Correction: The biochemical subtype is a predictor for cognitive function in glutaric aciduria type 1: a national prospective follow-up study*. Scientific Reports 11, 20618

<https://doi.org/10.5167/uzh-214673>

Märtner, E M Charlotte, Thimm, Eva, Guder, Philipp, Schiergens, Katharina A, et al, **Baumgartner, Matthias R** (2021): *The biochemical subtype is a predictor for cognitive function in glutaric aciduria type 1: a national prospective follow-up study*. Scientific Reports 11, 19300

<https://doi.org/10.5167/uzh-213086>

**Mathis, Déborah**, Sass, Jörn Oliver, Graubner, Claudia, Schoster, A (2021): *Diagnosis of atypical myopathy based on organic acid and acylcarnitine profiles and evolution of biomarkers in surviving horses*. Molecular Genetics and Metabolism Reports 29, 100827

<https://doi.org/10.5167/uzh-211217>

**Mauracher, Andrea A, Gujer, Esther**, Bachmann, Lucas M, Güsewell, Sabine, **Pachlounik Schmid, Jana** (2021): *Patterns of Immune Dysregulation in Primary Immunodeficiencies: A Systematic Review. The journal of allergy and clinical immunology*. In practice 9 (2), 792-802. e10

<https://www.zora.uzh.ch/id/eprint/195005/>

Maurer-Granofszky, Margarita, Schumich, Angela, Buldini, Barbara, Gaipa, Giuseppe, Kappelmayr, Janos, Mejstříková, Ester, Karawajew, Leonid, Rossi, Jorge, Suzan, Adin Çinar, Agriello, Evangelina, Anastasiou-Grenzelia, Theodora, Barcala, Virna, Barna, Gábor, Batinić, Drago, **Bourquin, Jean-Pierre**, Brüggemann, Monika, Bukowska-Strakova, Karolina, Burnusuzov, Hasan, Carelli, Daniela, Deniz, Günnur, Dubravčić, Klara, Feuerstein, Tamar, Gaillard, Marie Isabel, Galeano, Adriana, Giordano, Hugo, Gonzalez, Alejandro, Groeneveld-Krentz, Stefanie, Hevessy, Zsuzsanna, Hrušák, Ondřej, Iarossi, Maria Belen, et al (2021): *An Extensive Quality Control and Quality Assurance (QC/QA) Program Significantly Improves Inter-Laboratory Concordance Rates of Flow-Cytometric Minimal Residual Disease Assessment in Acute Lymphoblastic Leukemia: An I-BFM-FLOW-Network Report*. Cancers 13 (23), 6148

<https://doi.org/10.5167/uzh-213021>

May, Rebecca M, Cassol, Clarissa, Hannoudi, Andrew, Larsen, Christopher P, Lerma, Edgar, et al, **Luyckx, Valerie**, Grosse, Phillipp (2021): *A multi-center retrospective cohort study defines the spectrum of kidney pathology in Coronavirus 2019 Disease (COVID-19)*. Kidney International, 34

<https://doi.org/10.5167/uzh-206028>

McArdle, Andrew J, Vito, Ortensia, Patel, Harsita, Seaby, Eleanor G, Shah, Priyen, Wilson, Clare, Broderick, Claire, Nijman, Ruud, Tremoulet, Adriana H, Munblit, Daniel, Ulloa-Gutierrez, Rolando, Carter, Michael J, De, Tisham, Hoggart, Clive, Whittaker, Elizabeth, Herberg, Jethro A, Kaforou, Myrsini, Cunnington, Aubrey J, **BATS Consortium**, Levin, Michael (2021): *Treatment of Multisystem Inflammatory Syndrome in Children*. New England Journal of Medicine 385 (1), 11-22

<https://doi.org/10.5167/uzh-211043>

McCulloch, Mignon, **Luyckx, Valerie Ann**, Cullis, Brett, Davies, Simon J, Finkelstein, Fredric O, Yap, Hui Kim, Feehally, John, Smoyer, William E (2021): *Challenges of access to kidney care for children in low-resource settings*. Nature Reviews. Nephrology 17 (1), 33-45

<https://www.zora.uzh.ch/id/eprint/194525/>

**Meier, Patricia, McCaskey, Ursina, Tuura, Ruth O'Gorman** (2021): *Typical Errors Made by Children and Adolescents with Developmental Dyscalculia*. Lernen und Lernstörungen 10 (3), 135-150

<https://doi.org/10.5167/uzh-205084>

Meng, Linyan, Isohanni, Pirjo, Shao, Yunru, Graham, Brett H, Hickey, Scott E, Brooks, Stephanie, Suomalainen, Anu, Joset, Pascal, **Steindl, Katharina, Rauch, Anita, Hackenberg, Annette**, High, Frances A, Armstrong-Javors, Amy, Mencacci, Niccolò E, González-Latapi, Paulina, Kamel, Walaa A, Al-Hashel, Jasem Y, Bustos, Bernabé I, Hernandez, Alejandro V, Krainc, Dimitri, Lubbe, Steven J, Van Esch, Hilde, De Luca, Chiara, Ballon, Kathleen, Ravelli, Claudia, Burglen, Lydie, Qebibo, Leila, Calame, Daniel G, Mitani, Tadahiro, Marafi, Dana, et al (2021): *MED27 variansts cause Developmental Delay, Dystonia, and Cerebellar Hypoplasia*. Annals of Neurology 89 (4), 828-833

<https://doi.org/10.5167/uzh-196942>

**Merscher Alves, Maria Bea**, Conté, Nfanly, Diallo, Boubacar, Mamadou, Moustapha, Delamou, Albert, John, Oliver, von Felten, Stefanie, Diallo, Ibrahima Sorry, Roth-Kleiner, Matthias (2021): *«Assessing Today for a Better Tomorrow»: An observational cohort study about quality of care, mortality and morbidity among*

newborn infants admitted to neonatal intensive care in Guinea. *PLoS ONE* 16 (8), e0254938  
<https://doi.org/10.5167/uzh-211060>

**Merscher Alves, Maria Bea, Conté, Nfanly, Sory Diallo, Ibrahima, Roth-Kleiner, Matthias** (2021): *Clinical presentation and improvised management of neonatal pneumothorax in the setting of a low-resource country: Conakry, Guinea*. *BMJ Case Reports* 14 (3), e235801  
<https://doi.org/10.5167/uzh-202295>

Messerli-Bürgy, Nadine, **Kakebeeke, Tanja H, Meyer, Andrea H, Arhab, Amar, Zysset, Annina E, Stülb, Kerstin, Leeger-Aschmann, Claudia S, Schmutz, Einat A, Kriemler, Susi, Puder, Jardena J, Munsch, Simone, Jenni, Oskar G** (2021): *Walking onset: a poor predictor for motor and cognitive skills in healthy preschool children*. *BMC Pediatrics* 21 (1), 367  
<https://doi.org/10.5167/uzh-214152>

**Meuli, Martin, Moehrten, Ueli** (2021): *Long-term Outcomes of Children After Fetal Surgery for Spina Bifida-Toward Sustainability*. *JAMA Pediatrics* 175 (4), e205687  
<https://www.zora.uzh.ch/id/eprint/216172/>

**Meuli, Martin, Zimmermann, Roland** (2020): *IFMSS-dedicated issue launched after 38th Annual IFMSS Meeting in Sils, Switzerland*. *Fetal Diagnosis and Therapy* 47 (12), 857-858  
<https://doi.org/10.5167/uzh-206047>

**Meyer Sauteur, Patrick M, Kleger, G -R, Albrich, W C** (2021): *Acute respiratory distress syndrome during the COVID-19 pandemic: not only SARS-CoV-2*. *New Microbes and New Infections* 40, 100836  
<https://doi.org/10.5167/uzh-213937>

**Meyer Sauteur, Patrick M, Seiler, Michelle, Berger, Christoph** (2021): *Inguinal lymphadenopathy in a teenager*. *Archives of Disease in Childhood* 106 (7), 630  
<https://doi.org/10.5167/uzh-192848>

**Meyer Sauteur, Patrick M, Theiler, Martin, Bogatu, Bettina** (2021): *Mycoplasma pneumoniae-associated angioedema*. *JAAD Case Reports* 9, 52-53  
<https://doi.org/10.5167/uzh-213936>

Michels, Lars, Riese, Florian, Meyer, Rafael, Kälin, Andrea M, Leh, Sandra E, Unschuld, Paul G, Luechinger, Roger, Hock, Christoph, **O'Gorman, Ruth, Kollias, Spyros, Gietl, Anton** (2021): *EEG-fMRI Signal Coupling Is Modulated in Subjects With Mild Cognitive Impairment and Amyloid Deposition*. *Frontiers in Aging Neuroscience* 13, 631172  
<https://doi.org/10.5167/uzh-203791>

Minoia, Francesca, Tibaldi, Jessica, Muratore, Valentina, Gallizzi, Romina, Bracaglia, Claudia, Arduini, Alessia, Comak, Elif, Vougiouka, Olga, Trauzeddel, Ralf, Filocamo, Giovanni, Mastrangelo, Antonio, Micalizzi, Concetta, Kasapcopur, Ozgur, Unsal, Erbil, Kitoh, Toshiyuki, Tsitsami, Elena, Kostik, Mikhail, **Schmid, Jana Pachlopnik, Prader, Seraina, Laube, Guido, Maritsi, Despoina, Jelusic, Marija, Sheno, Susan, Vastert, Sebastiaan, Ardissino, Gianluigi, Cron, Randy Q, Ravelli, Angelo** (2021): *Thrombotic Microangiopathy Associated with Macrophage Activation Syndrome: A Multinational Study of 23 Patients*. *Journal of Pediatrics* 235, 196-202  
<https://www.zora.uzh.ch/id/eprint/217423/>

**Mitteregger, Elena, Wehrli, Martina, Theiler, Manuela, Logoteta, Jana, Nast, Irina, Seliner, Brigitte, Latal, Beatrice** (2021): *Parental experience of the neuromotor development of children with congenital heart disease: an exploratory qualitative study*. *BMC Pediatrics* 21, 430  
<https://doi.org/10.5167/uzh-215296>

Mitterer, Stefan, **Zimmermann, Karin, Bergsträsser, Eva, Simon, Michael, Gerber, Anne-Kathrin, Fink, Günther** (2021): *Measuring Financial Burden in Families of Children Living With Life-Limiting Conditions: A Scoping Review of Cost Indicators and Outcome Measures*. *Value in Health* 24 (9), 1377-1389  
<https://doi.org/10.5167/uzh-212932>

**Moehrten, Ueli, Ochsenbein, Nicole, Vonzun, Ladina, Mazzone, Luca, Horst, Maya, Schauer, Sonja, Wille, David Alexander, Hagmann, Cornelia, Kottke, Raimund, Grehten, Patrice, Casanova, Barbara, Strübing, Nele, Moehrten, Theres, Tharakan, Sasha, Padden, Beth, Bassler, Dirk, Zimmermann, Roland, Meuli, Martin** (2021): *Fetal surgery for spina bifida in Zurich: results from 150 cases*. *Pediatric Surgery International* 37 (3), 311-316  
<https://doi.org/10.5167/uzh-196419>

Moiemen, Naiem, **Schiestl, Clemens, Hartmann-Fritsch, Fabienne, Neuhaus, Kathrin, Reichmann, Ernst, Löw, Arina, Stenger, Chantal, Böttcher-Haberzeth, Sophie, Meuli, Martin** (2021): *First time compassionate use of laboratory engineered autologous Zurich skin in a massively burned child*. *Burns* 5 (3), 113-117  
<https://doi.org/10.5167/uzh-215787>

Mombelli, Matteo, Lang, Brian M, Neofytos, D, Aubert, John-David, Benden, Christian, **Berger, Christoph, Boggian, Katia, Egli, Adrian, Soccà, Paola M, Kaiser, Laurent, Hirzel, Cédric, Pascual, Manuel, Koller, Michael, Mueller, Nicolas J, van Delden, Christian, Hirsch, Hans H, Manuel, O, Swiss Transplant Cohort Study**

(2021): *Burden, epidemiology, and outcomes of microbiologically confirmed respiratory viral infections in solid organ transplant recipients: a nationwide, multi-season prospective cohort study*. *American Journal of Transplantation* 21 (5), 1789-1800  
<https://www.zora.uzh.ch/id/eprint/192850/>

Moosa, Mohammed R, **Luyckx, Valerie Ann** (2021): *The realities of rationing in health care*. *Nature Reviews. Nephrology* 17 (7), 435-436  
<https://doi.org/10.5167/uzh-208274>

Moreira, Carlos G, Baumann, Christian R, Scandella, Maurizio, Nemirovsky, Sergio I, **Leach, Sven, Huber, Reto, Noain, Daniela** (2021): *Closed-loop auditory stimulation method to modulate sleep slow waves and motor learning performance in rats*. *eLife* 10, e68043  
<https://doi.org/10.5167/uzh-208116>

Morgan, Catherine, Fetters, Linda, Adde, Lars, et al, **Latal, Beatrice** (2021): *Early Intervention for Children Aged 0 to 2 Years With or at High Risk of Cerebral Palsy*. *JAMA Pediatrics* 175 (8), 846-858  
<https://www.zora.uzh.ch/id/eprint/215298/>

Morrison, T, **Bosch, F, Landolt, Markus A, Kožich, Viktor, Huemer, Martina, Morris, Andrew A M** (2021): *Homocystinuria patient and caregiver survey: experiences of diagnosis and patient satisfaction*. *Orphanet Journal of Rare Diseases* 16 (1), 124  
<https://doi.org/10.5167/uzh-201417>

**Moser, Berthold, Kemper, Michael, Dullenkopf, Alexander, Dave, Mital H, Buehler, P K, Weiss, Markus** (2021): *Simulated dimensional compatibility of uncuffed and cuffed tracheal tubes for selective endobronchial intubation in children*. *Paediatric Anaesthesia* 31 (2), 167-177  
<https://doi.org/10.5167/uzh-208848>

**Moser, Berthold, Kemper, Michael, Kleine-Brueggene, Maren, Gasteiger, Lukas, Weiss, Markus** (2021): *Dimensional compatibility and limitations of tracheal intubation through supraglottic airway devices: a mannequin-based in vitro study*. *Canadian Journal of Anaesthesia = Journal Canadien d'Anesthésie* 68 (9), 1337-1348  
<https://doi.org/10.5167/uzh-206908>

**Mouthon, Anne-Laure, Meyer-Heim, Andreas, Huber, Reto, Van Hedel, Hubertus J A** (2021): *Neural correlates of memory recovery: Preliminary findings in children and adolescents with acquired brain injury*. *Restorative Neurology and Neuroscience* 39 (1), 61-71  
<https://doi.org/10.5167/uzh-202316>



**Mozun, Rebeca**, Ardura-Garcia, Cristina, Pedersen, Eva SI, Goutaki, Myrofora, **Usemann, Jakob**, Singer, Florian, Latzin, Philipp, **Moeller, Alexander**, Kuehni, Claudia E (2021): *Agreement of parent- and child-reported wheeze and its association with measurable asthma traits*. *Pediatric Pulmonology* 56 (12), 3813-3821  
<https://doi.org/10.5167/uzh-216765>

Mulder, Renée L, Font-Gonzalez, Anna, Hudson, Melissa M, van Santen, Hanneke M, Loeffen, Erik A H, Burns, Karen C, Quinn, Gwendolyn P, van Dulmen-den Broeder, Eline, Byrne, Julianne, Haupt, Riccardo, Wallace, W Hamish, van den Heuvel-Eibrink, Marry M, Anazodo, Antoinette, Anderson, Richard A, Barnbrock, Anke, Beck, Joern D, Bos, Annelies M E, Demeestere, Isabelle, Denzer, Christian, Di Iorgi, Natascia, Hoefgen, Holly R, Kebudi, Rejin, Lambalk, Cornelis, Langer, Thorsten, Meacham, Lillian R, Rodriguez-Wallberg, Kenny, Stern, Catharyn, **Stutz-Grunder, Eveline**, van Dorp, Wendy, Veening, Margreet, et al (2021): *Fertility preservation for female patients with childhood, adolescent, and young adult cancer: recommendations from the PanCareLIFE Consortium and the International Late Effects of Childhood Cancer Guideline Harmonization Group*. *Lancet Oncology* 22 (2), e45-e56  
<https://www.zora.uzh.ch/id/eprint/212935/>

Mulder, Renée L, Font-Gonzalez, Anna, van Dulmen-den Broeder, Eline, Quinn, Gwendolyn P, Ginsberg, Jill P, Loeffen, Erik A H, Hudson, Melissa M, Burns, Karen C, van Santen, Hanneke M, Berger, Claire, Diesch, Tamara, Dirksen, Uta, Giwercman, Aleksander, Gracia, Clarisa, Hunter, Sarah E, Kelvin, Joanne F, Klosky, James L, Laven, Joop S E, Lockart, Barbara A, Neggers, Sebastian J C M M, Peate, Michelle, Phillips, Bob, Reed, Damon R, Tinner, Eva Maria E, Byrne, Julianne, Veening, Margreet, van de Berg, Marleen, Verhaak, Chris M, Anazodo, Antoinette, Rodriguez-Wallberg, Kenny, et al, **Stutz-Grunder, Eveline** (2021): *Communication and ethical considerations for fertility preservation for patients with childhood, adolescent, and young adult cancer: recommendations from the PanCareLIFE Consortium and the International Late Effects of Childhood Cancer Guideline Harmonization Group*. *Lancet Oncology* 22 (2), e68-e80  
<https://www.zora.uzh.ch/id/eprint/212936/>

Müller, Loretta, Savas, Sibel T, Tschanz, Stefan A, Stokes, Andrea, Escher, Anaïs, Nussbaumer, Mirjam, Bullo, Marina, Kuehni, Claudia E, Blanchon, Sylvain, **Jung, Andreas**, Regamey, Nicolas, Haenni, Beat, Schneiter,

Martin, Ingold, Jonas, Kieninger, Elisabeth, Casaulta, Carmen, Latzin, Philipp (2021): *A Comprehensive Approach for the Diagnosis of Primary Ciliary Dyskinesia-Experiences from the First 100 Patients of the PCD-UNIBE Diagnostic Center*. *Diagnostics* 11 (9), 1540  
<https://doi.org/10.5167/uzh-216762>

**Naef, Nadja, Schlosser, Ladina**, Brugger, Peter, Greutmann, Matthias, **Oxenius, Angela, Wehrle, Flavia Maria, Kottke, Raimund, Latal, Beatrice, Tuura, Ruth O'Gorman** (2021): *Brain volumes in adults with congenital heart disease correlate with executive function abilities*. *Brain imaging and behavior* 15 (5), 2308-2316  
<https://doi.org/10.5167/uzh-198655>

**Nassar, Hussam, Horst, Maya, Gobet, Rita** (2021): *A rare case of symptomatic hydrometrocolpos in a 5y old female*. *Urology Case Reports* 39, 101789-  
<https://doi.org/10.5167/uzh-215737>

Nava, Esmeralda, Mori, Andrea Capone, Striano, Pasquale, **Ramantani, Georgia** (2021): *Atypical presentation of sunflower epilepsy featuring an EEG pattern of continuous spike waves during slow-wave sleep*. *Epileptic Disorders* 23 (6), 927-932  
<https://doi.org/10.5167/uzh-213614>

Nava, Tiago, Ansari, Marc, Dalle, Jean-Hugues, de Heredia, Christina Diaz, **Güngör, Tayfun**, et al (2020): *Supportive care during pediatric hematopoietic stem cell transplantation: beyond infectious diseases. A report from workshops on supportive care of the Pediatric Diseases Working Party (PDWP) of the European Society for Blood and Marrow Transplantation (EBMT)*. *Bone Marrow Transplantation* 55 (6), 1126-1136  
<https://www.zora.uzh.ch/id/eprint/198554/>

Nava, Tiago, Ansari, Marc, Dalle, Jean-Hugues, de Heredia, Christina Diaz, **Güngör, Tayfun**, et al (2020): *Correction: Supportive care during pediatric hematopoietic stem cell transplantation: beyond infectious diseases. A report from workshops on supportive care of the Pediatric Diseases Working Party (PDWP) of the European Society for Blood and Marrow Transplantation (EBMT)*. *Bone Marrow Transplantation* 55 (6), 1214  
<https://doi.org/10.5167/uzh-198529>

Nichol, Ariadne A, Mwaka, Erisa S, **Luyckx, Valerie Ann** (2021): *Ethics in Research: Relevance for Nephrology*. *Seminars in Nephrology* 41 (3), 272-281  
<https://www.zora.uzh.ch/id/eprint/208264/>

Nijman, Ruud G, Oostenbrink, Rianne, Moll, Henriette A, Casals-Pascual, Climent, von Both, Ulrich, et al, **Schlapbach, Luregn J** (2021): *A Novel Framework for Phenotyping Children With Suspected or Confirmed Infection for Future Biomarker Studies*. *Frontiers in Pediatrics* 9, 688272  
<https://doi.org/10.5167/uzh-211044>

Nitzahn, Matthew, Truong, Brian, Khoja, Suhail, Vega-Crespo, Agustin, Le, Colleen, Eliav, Adam, **Makris, Georgios**, Pyle, April D, **Häberle, Johannes**, Lipshutz, Gerald S (2021): *CRISPR-Mediated Genomic Addition to CPS1 Deficient iPSCs is Insufficient to Restore Nitrogen Homeostasis*. *Yale Journal of Biology and Medicine* 94 (4), 545-557  
<https://doi.org/10.5167/uzh-217460>

Nucci, Anita M, Virtanen, Suvi M, Cuthbertson, David, Ludvigsson, Johnny, Einberg, Ulle, Huot, Celine, Castano, Luis, Aschemeier, Bärbel, Becker, Dorothy J, Knip, Mikael, Krischer, Jeffrey P, **TRIGR Investigators** (2021): *Growth and development of islet autoimmunity and type 1 diabetes in children genetically at risk*. *Diabetologia* 64 (4), 826-835  
<https://www.zora.uzh.ch/id/eprint/200177/>

O'Reilly, Daniel, Crushell, Ellen, Hughes, Joanne, et al, **Rüfenacht, Véronique, Häberle, Johannes** (2020): *Maple syrup urine disease: Clinical outcomes, metabolic control, and genotypes in a screened population after four decades of newborn bloodspot screening in the Republic of Ireland*. *Journal of Inherited Metabolic Disease* 44 (3), 639-655  
<https://www.zora.uzh.ch/id/eprint/197313/>

Okpechi, Ikechi G, Bello, Aminu K, **Luyckx, Valerie Ann**, Wearne, Nicola, Swanepoel, Charles R, Jha, Vivekanand (2021): *Building optimal and sustainable kidney care in low resource settings: The role of healthcare systems*. *Nephrology* 26 (12), 948-960  
<https://doi.org/10.5167/uzh-208268>

Olsen, Markus Harboe, Hansen, Mathias Lühr, Safi, Sanam, Jakobsen, Janus Christian, Greisen, Gorm, et al, **Hagmann, Cornelia** (2021): *Central data monitoring in the multicentre randomised SafeBoosC-III trial – a pragmatic approach*. *BMC Medical Research Methodology* 21, 160  
<https://doi.org/10.5167/uzh-205785>

Oser, Nadine, Hubacher, Martina, Nageleisen-Weiss, Annette, van Mierlo, Pieter, **Huber, Reto**, Weber, Peter, **Bölsterli, Bigna K**, Datta, Alexandre N (2021): *6-year course of sleep homeostasis in a case with epilepsy-aphasia*

*spectrum disorder*. Epilepsy & Behavior Reports 16, 100488

<https://doi.org/10.5167/uzh-208113>

**Otaru, Nize**, Ye, Kun, Mujezinovic, Denisa, Berchtold, Laura, Constancias, Florentin, Cornejo, Fabián A, Krzystek, Adam, de Wouters, Tomas, **Braegger, Christian**, Lacroix, Christophe, Pugin, Benoit (2021): *GABA Production by Human Intestinal Bacteroides spp.: Prevalence, Regulation, and Role in Acid Stress Tolerance*. Frontiers in Microbiology 12, 656895

<https://doi.org/10.5167/uzh-214354>

Oth, Maria, Schindera, Christina, **Güngör, Tayfun**, Ansari, Marc, Scheinemann, Katrin, Belle, Fabiën N, Latzin, Philipp, von der Weid, Nicolas, Kuehni, Claudia E (2021): *Transplant characteristics and self-reported pulmonary outcomes in Swiss childhood cancer survivors after hematopoietic stem cell transplantation—a cohort study*. Bone Marrow Transplantation 56 (5), 1065-1076

<https://doi.org/10.5167/uzh-198535>

**Paioni, Paolo**, Jäggi, Vera F, Tilen, Romy, Seiler, Michelle, Baumann, Philipp, Bräm, Dominic S, Jetzer, Carole, Haid, Robin T U, Goetschi, Aljoscha N, Goers, Roland, Müller, Daniel, Coman Schmid, Diana, Meyer Zu Schwabedissen, Henriette E, Rinn, Bernd, **Berger, Christoph**, Krämer, Stefanie D (2021): *Gentamicin Population Pharmacokinetics in Pediatric Patients—A Prospective Study with Data Analysis Using the saemix Package in R*. Pharmaceutics 13 (10), 1596

<https://doi.org/10.5167/uzh-211032>

**Pánisová, Elena**, Unger, Wendy W J, **Berger, Christoph**, **Meyer Sauteur, Patrick M** (2021): *Mycoplasma pneumoniae-Specific IFN- $\gamma$ -Producing CD4 Effector-Memory T Cells Correlate with Pulmonary Disease*. American Journal of Respiratory Cell and Molecular Biology 64 (1), 143-146

<https://doi.org/10.5167/uzh-198737>

Panwalkar, Pooja, Tamrazi, Benita, Dang, Derek, Chung, Chan, Sweha, Stefan, Nataraajan, Siva Kumar, Pun, Matthew, Bayliss, Jill, Ogrodzinski, Martin P, Pratt, Drew, Mullan, Brendan, Hawes, Debra, Yang, Fusheng, Lu, Chao, Sabari, Benjamin R, Achreja, Abhinav, Heon, Jin, Animasahun, Olamide, Cieslik, Marcin, Dunham, Christopher, Yip, Stephen, Hukin, Juliette, Phillips, Joanna J, Bornhorst, Miriam, Griesinger, Andrea M, Donson, Andrew M, Foreman, Nicholas K, Garton, Hugh J L, Heth, Jason, Muraszko, Karin, et al, **Nazarian, Javad** (2021): *Targeting integrated epigenetic and metabolic pathways in lethal*

*childhood PFA ependymomas*. Science Translational Medicine 13 (614), eabc0497

<https://www.zora.uzh.ch/id/eprint/212964/>

**Payette, Kelly**, de Dumast, Priscille, Kebiri, Hamza, Ezhov, Ivan, Paetzold, Johannes C, Shit, Suprosanna, Iqbal, Asim, Khan, Romesa, **Kottke, Raimund**, **Grethen, Patrice**, Ji, Hui, Lanczi, Levente, Nagy, Marianna, Beresova, Monika, Nguyen, Thi Dao, **Natalucci, Giancarlo**, Karayannis, Theofanis, Menze, Bjoern H, Bach Cuadra, Meritxell, **Jakab, Andrés** (2021): *An automatic multi-tissue human fetal brain segmentation benchmark using the Fetal Tissue Annotation Dataset*. Scientific Data 8 (1), 167-181

<https://doi.org/10.5167/uzh-205086>

Pedersen, Eva S L, de Jong, Carmen C M, Ardura-García, Cristina, Mallet, Maria Christina, Barben, Juerg, Casaulta, Carmen, Hoyler, Karin, Jochmann, Anja, **Moeller, Alexander**, Mueller-Suter, Dominik, Regamey, Nicolas, Singer, Florian, Goutaki, Myrofora, Kuehni, Claudia E (2021): *Reported Symptoms Differentiate Diagnoses in Children with Exercise-Induced Respiratory Problems: Findings from the Swiss Paediatric Airway Cohort (SPAC)*. The journal of allergy and clinical immunology. In practice 9 (2), 881-889.e3

<https://www.zora.uzh.ch/id/eprint/191240/>

Pedersen, Tina H, Ueltschi, Florian, Hornshaw, Tobias, Greif, Robert, Theiler, Lorenz, Huber, Markus, **Kleine-Brueggene, Maren** (2021): *Optimisation of airway management strategies: a prospective before-and-after study on events related to airway management*. British Journal of Anaesthesia 127 (5), 798-806

<https://www.zora.uzh.ch/id/eprint/206902/>

Peters, Christina, Dalle, Jean-Hugues, Locatelli, Franco, Poetschger, Ulrike, Sedlacek, Petr, Buechner, Jochen, et al, **Güngör, Tayfun**, von Stackelberg, Arend (2021): *Total Body Irradiation or Chemotherapy Conditioning in Childhood ALL: A Multinational, Randomized, Noninferiority Phase III Study*. Journal of Clinical Oncology 39 (4), 295-307

<https://doi.org/10.5167/uzh-198701>

Piaggi, Simona, Marchi, Elisabetta, Carnicelli, Vittoria, Zucchi, Riccardo, Griese, Matthias, Hector, Andreas, Sorio, Claudio, Pompella, Alfonso, Corti, Alessandro (2021): *Airways glutathione S-transferase omega-1 and its A140D polymorphism are associated with severity of inflammation and respiratory dysfunction in cystic fibrosis*. Journal of Cystic Fibrosis 20 (6), 1053-1061

<https://www.zora.uzh.ch/id/eprint/216763/>

Pichler, Herbert, Lawitschka, Anita, Glogova, Evgenia, Willasch, Andre M, et al, **Güngör, Tayfun** (2019): *Allogeneic hematopoietic stem cell transplantation from unrelated donors is associated with higher infection rates in children with acute lymphoblastic leukemia—A prospective international multicenter trial on behalf of the BFM-SG and the EBMT-PDWP*. American Journal of Hematology 94 (8), 880-890

<https://doi.org/10.5167/uzh-181944>

Pisani, Francesco, Spagnoli, Carlotta, Falsaperla, Raffaele, Nagarajan, Lakshmi, **Ramantani, Georgia** (2021): *Seizures in the neonate: A review of etiologies and outcomes*. Seizure 85, 48-56

<https://doi.org/10.5167/uzh-197544>

Plooj, M, Apte, S, **Keller, U**, Baines, P, Sterke, B, Asboth, L, Courtine, Grégoire, von Zitzewitz, Joachim, Vallery, Heike (2021): *Neglected physical human-robot interaction may explain variable outcomes in gait neurorehabilitation research*. Science Robotics 6 (58), abf1888

<https://www.zora.uzh.ch/id/eprint/214249/>

**Posovszky, Carsten**, Michel, Detlef (2021): *Wichtige Viruserkrankungen: Mumps*. Zeitschrift für Gastroenterologie 59 (12), 1269-1270

<https://www.zora.uzh.ch/id/eprint/214351/>

Postema, Merel C, Hoogman, Martine, Ambrosino, Sara, et al, Brandeis, Daniel, Brem, Silvia, **Tuura, Ruth O'Gorman**, Walitza, Susanne (2021): *Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets*. Journal of Child Psychology and Psychiatry 62 (10), 1202-1219

<https://doi.org/10.5167/uzh-201964>

**Prader, Seraina**, Ritz, Nicole, Baleyrier, Frédéric, André, Maya C, **Stähli, Noémie**, **Schmid, Kevin**, Schmid, Hanna, Woerner, Andreas, Diesch, Tamara, **Meyer Sauteur, Patrick M**, **Trück, Johannes**, Gebistorf, Fabienne, Opitz, Lennart, **Killian, Michael P**, **Marchetti, Tommaso**, **Vavassori, Stefano**, Blanchard-Rohner, Géraldine, Mc Lin, Valerie, Grazioli, Serge, **Pachlopnik Schmid, Jana** (2021): *X-Linked Lymphoproliferative Disease Mimicking Multisystem Inflammatory Syndrome in Children—A Case Report*. Frontiers in Pediatrics 9, 691024

<https://doi.org/10.5167/uzh-207651>

Puri, Kriti, **Schweiger, Martin**, Rossano, Joseph W (2021): *The fate of the failing Fontan circulation—No two are alike*. Journal of Heart and Lung Transplantation 40 (12), 1682-1684

<https://www.zora.uzh.ch/id/eprint/215743/>

Raidt, J, Brillault, J, Brinkmann, F, **Jung, A**, Koerner-Rettberg, C, Koitschev, A, Linz-Keul, H, Nüßlein, T, Ringshausen, F C, Röhmel, J, Rosewich, M, Werner, C, Omran, H (2020): *Management der Primären Ciliären Dyskinesie*. Pneumologie 74 (11), 750-765  
<https://doi.org/10.5167/uzh-195760>

Rakic, Milenko, Jaboyedoff, Manon, Bachmann, Sara, **Berger, Christoph**, Diezi, Manuel, do Canto, Philipp, Forrest, Christopher B, Frey, Urs, Fuchs, Oliver, Gervaix, Alain, Gluecksberg, Amalia Stefani, **Grotzer, Michael**, Heininger, Ulrich, Kahlert, Christian R, Kaiser, Daniela, Kopp, Matthias V, **Lauener, Roger**, Neuhaus, Thomas J, **Paioni, Paolo**, Posfay-Barbe, Klara, Ramelli, Gian Paolo, Simeoni, Umberto, Simonetti, Giacomo, Sokollik, Christiane, Spycher, Ben D, Kuehni, Claudia E (2021): *Clinical data for paediatric research: the Swiss approach*. BMC Proceedings 15 (Suppl 13), 19  
<https://doi.org/10.5167/uzh-212957>

Raman, Sainath, Brown, Georgia, Long, Debbie, Gelbart, Ben, Delzoppo, Carmel, Millar, Johnny, Erickson, Simon, Festa, Marino, **Schlapbach, Luregn J** (2021): *Priorities for paediatric critical care research: a modified Delphi study by the Australian and New Zealand Intensive Care Society Paediatric Study Group*. Critical Care and Resuscitation 23 (2), 194-201  
<https://www.zora.uzh.ch/id/eprint/211699/>

Raman, Sainath, Schibler, Andreas, Marsney, Renate Le, Trnka, Peter, Kennedy, Melanie, Mattke, Adrian, Gibbons, Kristen, **Schlapbach, Luregn J** (2021): *0.9 Sodium chloride solution versus Plasma-Lyte 148 versus compound sodium lactate solution in children admitted to PICU-a randomized controlled trial (SPLYT-P): study protocol for an intravenous fluid therapy trial*. Trials 22, 427  
<https://doi.org/10.5167/uzh-211047>

**Ramantani, Georgia** (2021): *Pediatric Epilepsy Surgery: Preoperative Assessment and Surgical Treatment*. Neuropediatrics 52 (02), 154  
<https://www.zora.uzh.ch/id/eprint/197540/>

**Ramantani, Georgia**, Stefan, Hermann (2021): *Parietal- und Okzipitalappenepilepsien*. Zeitschrift für Epileptologie 34 (1), 4  
<https://doi.org/10.5167/uzh-197539>

Rasche, Mareike, Steidel, Emma, Zimmermann, Martin, **Bourquin, Jean-Pierre**, Boztug, Heidrun, Janotova, Iveta, Kolb, E Anders, Lehrnbecher, Thomas, Neuhoff, Nils V, Niktoreh, Naghmeh, Mühlegger, Nora, Sramkova, Lucie, Stary, Jan, Walter, Christiane, Creutzig, Ursula, Dworzak, Michael,

Reinhardt, Dirk (2021): *Second Relapse of Pediatric Patients with Acute Myeloid Leukemia: A Report on Current Treatment Strategies and Outcome of the AML-BFM Study Group*. Cancers 13 (4), 789  
<https://doi.org/10.5167/uzh-213022>

Rasche, Mareike, Zimmermann, Martin, Steidel, Emma, Alonzo, Todd, Aplenc, Richard, **Bourquin, Jean-Pierre**, Boztug, Heidrun, Cooper, Todd, Gamis, Alan S, Gerbing, Robert B, Janotova, Iveta, Klusmann, Jan-Henning, Lehrnbecher, Thomas, Mühlegger, Nora, Neuhoff, Nils V, Niktoreh, Naghmeh, Sramkova, Lucie, Stary, Jan, Waack, Katharina, Walter, Christiane, Creutzig, Ursula, Dworzak, Michael, Kaspers, Gertjan, Kolb, Edward Anders, Reinhardt, Dirk (2021): *Survival Following Relapse in Children with Acute Myeloid Leukemia: A Report from AML-BFM and COG*. Cancers 13 (10), 2336  
<https://doi.org/10.5167/uzh-213015>

Rechsteiner, Delia, Issler, Lydia S, Koller, Samuel, Lang, Elena, **Bähr, Luzy**, Feil, Silke, Rügger, Christoph Martin, **Kottke, Raimund**, **Toelle, Sandra P**, **Zweifel, Noëmi**, **Steindl, Katharina**, Joset, Pascal, Zweier, Markus, Suter, Aude-Annick, Gogoll, Laura, Haas, Cordula, Berger, Wolfgang, Gerth-Kahlert, Christina (2021): *Genetic Analysis in a Swiss Cohort of Bilateral Congenital Cataract*. JAMA Ophthalmology 139 (7), 691  
<https://doi.org/10.5167/uzh-203465>

Regina, Carla, Hamed, Ebrahim, Andrieux, Geoffroy, Angenendt, Sina, Schneider, Michaela, Ku, Manching, Follo, Marie, **Wachtel, Marco**, Ke, Eugene, Kikuchi, Ken, Henssen, Anton G, **Schäfer, Beat W**, Boerries, Melanie, Wagers, Amy J, Keller, Charles, Hettmer, Simone (2021): *Negative correlation of single-cell PAX3:FOXO1 expression with tumorigenicity in rhabdomyosarcoma*. Life science alliance 4 (9), 9  
<https://doi.org/10.5167/uzh-213053>

Reiser, Christiane, **Zeltner, Nina**, Rettenbacher, Beatrix, Baumgaertner, Petra, **Huemer, Martina**, Huemer, Christian (2021): *Explaining juvenile idiopathic arthritis to paediatric patients using illustrations and easy-to-read texts: improvement of disease knowledge and adherence to treatment*. Pediatric Rheumatology 19, 158  
<https://doi.org/10.5167/uzh-213639>

Restin, Tanja, **Schmugge, Markus**, Cushing, Melissa M, **Haas, Thorsten** (2021): *Comparison between intraoperative bleeding score and ROTEM® measurements to assess coagulopa-*

*thy during major pediatric surgery*. Transfusion and Apheresis Science 60 (5), 103191  
<https://doi.org/10.5167/uzh-204335>

Rimensberger, Peter C, Kneyber, Martin C J, Deep, Akash, Bansal, Mehak, Hoskote, Aparna, et al, **Schlapbach, Luregn J** (2021): *Caring for Critically Ill Children With Suspected or Proven Coronavirus Disease 2019 Infection: Recommendations by the Scientific Sections Collaborative of the European Society of Pediatric and Neonatal Intensive Care*. Pediatric Critical Care Medicine 22 (1), 56-67  
<https://www.zora.uzh.ch/id/eprint/192724/>

**Ritter, Christopher**, **Buchmann, Andreas**, Müller, Sabrina Theresia, **Hersberger, Martin**, Haynes, Melanie, **Ghisleni, Carmen**, **Tuura, Ruth O'Gorman**, Hasler, Gregor (2021): *Cerebral perfusion in depression: Relationship to sex, dehydroepiandrosterone sulfate and depression severity*. Neurolmage: Clinical 32, 102840  
<https://doi.org/10.5167/uzh-207360>

Rodd, Celia, **Schwieger-Briel, Agnes**, **Hagmann, Cornelia Franziska** (2021): *Subcutaneous fat necrosis associated with hypercalcemia in neonates with neonatal encephalopathy treated with therapeutic hypothermia*. Seminars in Fetal & Neonatal Medicine 26 (4), 101269  
<https://www.zora.uzh.ch/id/eprint/211040/>

Rogler, Gerhard, Scharl, Michael, Spalinger, Marianne, Yilmaz, Bahtiyar, Zaugg, Michael, **Hersberger, Martin**, Schreiner, Philipp, Biedermann, Luc, Herfarth, Hans (2021): *Diet and Inflammatory Bowel Disease – What Quality Standards Should be Applied in Clinical and Laboratory Studies?*. Molecular Nutrition & Food Research 65 (5), 2000514  
<https://doi.org/10.5167/uzh-199661>

Romaine, Sam T, Sefton, Gerri, Lim, Emma, Nijman, Ruud G, Bernatoniene, Jolanta, Clark, Simon, **Schlapbach, Luregn J**, Pallmann, Philip, Carrol, Enitan D (2021): *Performance of seven different paediatric early warning scores to predict critical care admission in febrile children presenting to the emergency department: a retrospective cohort study*. BMJ Open 11 (5), e044091  
<https://doi.org/10.5167/uzh-211033>

**Rosch, Richard E**, **Rügger, Andrea**, **Ramantani, Georgia** (2021): *Pädiatrische Epilepsiechirurgie bei posterioren Epilepsien*. Zeitschrift für Epileptologie 34 (1), 42-48  
<https://doi.org/10.5167/uzh-197538>

Rothgangl, Tanja, Dennis, Melissa K, Lin, Paulo J C, Oka, Rurika, Witzigmann, Dominik, Villiger, Lukas, Qi, Weihong, Hruzova, Martina, Kissling, Lucas, Lenggenhager, Daniela, Bor-

relli, Costanza, Egli, Sabina, Frey, Nina, Bakker, Noëlle, Walker, John A, Kadina, Anastasia P, Victorov, Denis V, Pacesa, Martin, Kreutzer, Susanne, Kontarakis, Zacharias, Moor, Andreas E, Jinek, Martin, Weissman, Drew, Stoffel, Markus, van Boxtel, Ruben, Holden, Kevin, Pardi, Norbert, **Thöny, Beat, Häberle, Johannes**, Tam, Ying K, Semple, Sean C, Schwank, Gerald (2021): *In vivo adenine base editing of PCSK9 in macaques reduces LDL cholesterol levels*. Nature Biotechnology 39 (8), 949-957  
<https://doi.org/10.5167/uzh-206012>

Rozmarič, Tomaž, Mitulović, Goran, Konstantopoulou, Vassiliki, Goeschl, Bernadette, **Huemer, Martina**, Plecko, Barbara, Spenger, Johannes, Wortmann, Saskia B, Scholl-Bürgi, Sabine, Karall, Daniela, Greber-Platzer, Susanne, Zeyda, Maximilian (2020): *Elevated Homocysteine after Elevated Propionylcarnitine or Low Methionine in Newborn Screening Is Highly Predictive for Low Vitamin B12 and Holo-Transcobalamin Levels in Newborns*. Diagnostics 10, 626  
<https://doi.org/10.5167/uzh-197414>

**Rüsch, Christina T, Knirsch, Ursula, Weber, Daniel M, Rohrbach, Marianne, Eichenberger, André**, Lütschg, Jürg, Weber, Kirsten, Broser, Philip J, **Stettner, Georg M** (2021): *Etiology of Carpal Tunnel Syndrome in a Large Cohort of Children*. Children 8 (8), 624  
<https://doi.org/10.5167/uzh-206615>

**Rüegger, A, Ramantani, G** (2021): *Panayiotopoulos-Syndrom – oder doch nicht?*. Zeitschrift für Epileptologie 34 (1), 78-80  
<https://doi.org/10.5167/uzh-197536>

**Rüsch, Christina T, Knirsch, Ursula, Weber, Daniel M, Rohrbach, Marianne, Eichenberger, André**, Lütschg, Jürg, Weber, Kirsten, Broser, Philip J, **Stettner, Georg M** (2021): *Etiology of Carpal Tunnel Syndrome in a Large Cohort of Children*. Children 8 (8), 624  
<https://doi.org/10.5167/uzh-206615>

**Rüsch, Christina T, Bölsterli, Bigna K, Carosio, Carlotta, Ramantani, Georgia** (2021): *Chapeau de gendarme in a toddler points to focal epilepsy originating from the subcentral gyrus*. Epileptic Disorders 23 (2), 412-418  
<https://doi.org/10.5167/uzh-213600>

**Rüsch, Christina T, Wortmann, Saskia B, Kovacs-Nagy, Reka, Grethen, Patrice, Häberle, Johannes, Latal, Beatrice, Stettner, Georg M** (2021): *Thiamine Pyrophosphokinase Deficiency due to Mutations in the TPK1 Gene: A Rare, Treatable Neurodegenerative Disorder*. Neuropediatrics 52 (02), 126-132  
<https://www.zora.uzh.ch/id/eprint/192800/>

Sahoo, Sushree S, Pastor, Victor B, Goodings, Charnise, Voss, Rebecca K, Kozyra, Emilia J, Szvetnik, Amina, et al, **Schmugge, Markus** (2021): *Clinical evolution, genetic landscape and trajectories of clonal hematopoiesis in SAMD9/SAMD9L syndromes*. Nature Medicine 27 (10), 1806-1817  
<https://doi.org/10.5167/uzh-210105>

Sahoo, Sushree S, Pastor, Victor B, Goodings, Charnise, Voss, Rebecca K, Kozyra, Emilia J, Szvetnik, Amina, Nöllke, Peter, Dworzak, Michael, Stary, Jan, Locatelli, Franco, Masetti, Riccardo, **Schmugge, Markus**, De Moerloose, Barbara, Catala, Albert, Kállay, Krisztián, Turkiewicz, Dominik, Hasle, Henrik, Buechner, Jochen, Jahnukainen, Kirsi, Ussowicz, Marek, Polychronopoulou, Sophia, Smith, Owen P, Fabri, Oksana, Barzilai, Shlomit, de Haas, Valerie, Baumann, Irith, Schwarz-Furlan, Stephan, European Working Group of MDS in Children (EWOG-MDS), Niewisch, Marena R, Sauer, Martin G, et al, **Tchinda, Joelle** (2021): *Publisher Correction: Clinical evolution, genetic landscape and trajectories of clonal hematopoiesis in SAMD9/SAMD9L syndromes*. Nature Medicine 27 (12), 2248  
<https://www.zora.uzh.ch/id/eprint/212938/>

Saleva-Stateva, M, **Weibel, L, Theiler, Martin**, Balabanova, M, Boente, M C, Has, C (2021): *Lack of effect of topical statins in linear porokeratosis*. Journal of the European Academy of Dermatology and Venerology 35 (1), e26-e28  
<https://www.zora.uzh.ch/id/eprint/199903/>

Saleva-Stateva, Mina, Hess, Maria, Technau-Hafsi, Kristin, **Weibel, Lisa**, Badea, Mihai-Alexandru, Boente, Maria Del Carmen, **Theiler, Martin**, Fiandrino, Maria Jose, Hoeger, Peter, Zimmer, Andreas, Rafei-Shamsabadi, David, Balabanova, Maria, Fischer, Judith, Boerries, Melanie, Has, Cristina (2021): *Molecular characterization and natural history of linear porokeratosis: A case series*. Journal of the American Academy of Dermatology 85 (6), 1603-1606  
<https://www.zora.uzh.ch/id/eprint/199693/>

**Salvini, Romana, Frey, Bernhard** (2021): *Iatrogenic events contributing to paediatric intensive care unit admission*. Swiss Medical Weekly 151, w20414  
<https://doi.org/10.5167/uzh-211064>

Sanchez-Pinto, L Nelson, González-Dambrauskas, Sebastián, Jabornisky, Roberto, Naidoo, Kuban, **Schlapbach, Luregn J**, Kisson, Niranjana (2020): *Sepsis hysteria? Not for children*. The Lancet 396 (10259), 1332-1333  
<https://doi.org/10.5167/uzh-211707>

Santos-Valente, Elisangela, Buntrock-Döpke, Heike, Abou Taam, Rola, et al, **Moeller, Alexander** (2021): *Biologicals in childhood severe asthma: the European PERMEABLE survey on the status quo*. ERJ Open Research 7 (3), 00143-2021  
<https://doi.org/10.5167/uzh-216767>

**Scheidegger, S, Held, Ulrike, Grass, B, Latal, Beatrice, Hagmann, Cornelia Franziska, Brotschi, B** (2021): *Association of perinatal risk factors with neurological outcome in neonates with hypoxic ischemic encephalopathy*. Journal of Maternal-Fetal & Neonatal Medicine 34 (7), 1020-1027  
<https://www.zora.uzh.ch/id/eprint/175394/>

Schindera, Christina, **Usemann, Jakob**, Zuercher, Simeon Joel, Jung, Ruedi, Kasteler, Rahel, Frauchiger, Bettina, Naumann, Geraldine, Rueegg, Corina Silvia, Latzin, Philipp, Kuehni, Claudia Elisabeth, von der Weid, Nicolas Xavier (2021): *Pulmonary Dysfunction after Treatment for Childhood Cancer: Comparing Multiple-Breath Washout with Spirometry*. Annals of the American Thoracic Society 18 (2), 281-289  
<https://www.zora.uzh.ch/id/eprint/193919/>

**Schiestl, Clemens, Meuli, Martin**, Vojvodic, Miliana, **Pontiggia, Luca, Neuhaus, Kathrin, Brotschi, Barbara, Reichmann, Ernst, Böttcher-Haberzeth, Sophie, Neuhaus, Kathrin** (2021): *Expanding into the future: Combining a novel dermal template with distinct variants of autologous cultured skin substitutes in massive burns*. Burns 5 (3), 145-153  
<https://doi.org/10.5167/uzh-215788>

**Schlapbach, Luregn J**, de Oliveira, Claudio Flauzino, Raman, Sainath, de Souza, Daniela (2021): *Metabolic resuscitation in pediatric sepsis: a narrative review*. Translational Pediatrics 10 (10), 2678-2688  
<https://doi.org/10.5167/uzh-214031>

**Schlapbach, Luregn J, Gibbons, Kristen, Ridolfi, Roberta, Harley, Amanda, Cree, Michele, Long, Debbie, Buckley, David, Erickson, Simon, Festa, Marino, George, Shane, King, Megan, Singh, Puneet, Raman, Sainath, Bellomo, Rinaldo** (2021): *Resuscitation in Paediatric Sepsis Using Metabolic Resuscitation-A Randomized Controlled Pilot Study in the Paediatric Intensive Care Unit (RESPOND PICU): Study Protocol and Analysis Plan*. Frontiers in Pediatrics 9, 663435  
<https://doi.org/10.5167/uzh-211038>

**Schlapbach, Luregn J, Reinhart, Konrad, Kisson, Niranjana** (2021): *A pediatric perspective on World Sepsis Day in 2021: leveraging lessons from the pandemic to reduce the global*

*pediatric sepsis burden?* American Journal of Physiology. Lung Cellular and Molecular Physiology 321 (3), L608-L613  
<https://doi.org/10.5167/uzh-211053>

**Schlapbach, Luregn J**, van Rossum, Anne-marie, Carrol, Enitan D (2021): *Antibiotics for neonatal sepsis in low-income and middle-income countries-where to go from here?* Lancet Infectious Diseases 21 (12), 1617-1618  
<https://www.zora.uzh.ch/id/eprint/211050/>

**Schlapbach, Luregn J**, André, Maya C, Grazioli, Serge, Schöbi, Nina, Ritz, Nicole, Aebi, Christoph, Agyeman, Philipp, **Albisetti, Manuela**, Bailey, Dougl G N, **Berger, Christoph**, Blanchard-Rohner, Géraldine, Bressieux-Degueldre, Sabrina, Hofer, Michael, L'Huillier, Arnaud G, Marston, Mark, **Meyer Sauteur, Patrick M**, **Pachlopnik Schmid, Jana**, Perez, Marie-Hélène, Rogdo, Bjarte, **Trück, Johannes**, Woerner, Andreas, **Wütz, Daniela**, Zimmermann, Petra, Levin, Michael, Whittaker, Elizabeth, Rimensberger, Peter C (2021): *Best Practice Recommendations for the Diagnosis and Management of Children With Pediatric Inflammatory Multisystem Syndrome Temporally Associated With SARS-CoV-2 (PIMS-TS; Multisystem Inflammatory Syndrome in Children, MIS-C) in Switzerland*. Frontiers in Pediatrics 9, 667507  
<https://doi.org/10.5167/uzh-205074>

**Schmiady, Martin**, **Kretschmar, Oliver**, **Prêtre, René**, **Dave, Hitendu** (2021): *Congenital atresia of the left main coronary artery: management of a 5-year-old child in extremis*. Interactive Cardiovascular and Thoracic Surgery 32 (3), 497-498  
<https://doi.org/10.5167/uzh-195122>

**Schmiady, Martin O**, **Dave, Mital Hitendu**, Rüschoff, Jan Hendrick, **Steindl, Katharina**, **Hübler, Michael**, **Schweiger, Martin** (2021): *Single coronary artery arising from an atretic pulmonary trunk*. Asian Cardiovascular and Thoracic Annals 29 (4), 327-329  
<https://doi.org/10.5167/uzh-192484>

Schmidt, Hendrikje, Felisatti, Arianna, **von Aster, Michael**, Wilbert, Jürgen, von Moers, Arpad, Fischer, Martin H (2021): *Neuromuscular Diseases Affect Number Representation and Processing: An Exploratory Study*. Frontiers in Psychology 12, 697881  
<https://doi.org/10.5167/uzh-212216>

Schmidt, Stefanie J, Barblan, Lara P, Lory, Irina, **Landolt, Markus A** (2021): *Age-related effects of the COVID-19 pandemic on mental health of children and adolescents*. Euro-

pean Journal of Psychotraumatology 12 (1), 1901407  
<https://doi.org/10.5167/uzh-205848>

**Schmugge, Markus**, Mattiello, Veneranda, Hengartner, Heinz, von der Weid, Nicolas, Renella, Raffaele (2021): *Comment on: Intravenous ferric carboxymaltose for iron deficiency anemia or iron deficiency without anemia after poor response to oral iron treatment: Benefits and risks in a cohort of 144 children and adolescents*. Pediatric Blood & Cancer 68 (3), e28726  
<https://www.zora.uzh.ch/id/eprint/199943/>

**Schneider, K**, **Aufdenblatten, C**, **Dreher, T** (2021): *Geschlossene Reposition und perkutane Osteosynthese der Schenkelhalsfraktur im Kindesalter*. Operative Orthopädie und Traumatologie 33 (1), 4-14  
<https://www.zora.uzh.ch/id/eprint/215826/>

**Schnider, Barbara**, **Disselhoff, Vera**, **Latal, Beatrice**, **Wehrle, Flavia Maria**, **Hagmann, Cornelia**, **Tuura, Ruth O'Gorman** (2021): *Reply to comment: «Brain creatine alteration and executive function deficits in children born very preterm»*. Pediatric Research 90 (2), 256-258  
<https://www.zora.uzh.ch/id/eprint/195420/>

**Schoch, Sarah F**, **Jaramillo, Valeria**, Markovic, Anđjela, **Huber, Reto**, Kohler, Malcolm, **Jenni, Oskar G**, Lustenberger, Caroline, **Kurth, Salome** (2021): *Bedtime to the brain: How infants sleep habits intertwine with sleep neurophysiology*. iORxiv, 467800  
<https://doi.org/10.5167/uzh-216449>

Schreiner, Philipp, Rossel, Jean-Benoît, Biedermann, Luc, Valko, Philipp O, Baumann, Christian R, Greuter, Thomas, Scharl, Michael, Vavricka, Stephan R, Pittet, Valérie, Juillerat, Pascal, Rogler, Gerhard, von Känel, Roland, Misselwitz, B, **Swiss IBD Cohort Study Group** (2021): *Fatigue in inflammatory bowel disease and its impact on daily activities*. Alimentary Pharmacology & Therapeutics 53 (1), 138-149  
<https://www.zora.uzh.ch/id/eprint/192061/>

Schröder, Simone, Li, Yun, Yigit, Gökhan, Altmüller, Janine, Bader, Ingrid, Bevot, Andrea, Biskup, Saskia, Dreha-Kulaczewski, Steffi, Christoph Korenke, **G, Kottke, Raimund**, Mayr, Johannes A, Preisel, Martin, **Toelle, Sandra P**, Wente-Schulz, Sarah, Wortmann, Saskia B, Hahn, Heidi, **Boltshauser, Eugen**, Uhmann, Anja, Wollnik, Bernd, Brockmann, Knut (2021): *Heterozygous truncating variants in SUFU cause congenital ocular motor apraxia*. Genetics in Medicine 23 (2), 341-351  
<https://doi.org/10.5167/uzh-190957>

Schultze-Berndt, Alina, Kühnisch, Jirko, Herbst, Christopher, Seidel, Franziska, Al-Wakeel-Marquard, Nadya, Dartsch, Josephine, Theisen, Simon, **Knirsch, Walter**, Jenni, Rolf, Greutmann, Matthias, Oechslin, Erwin, Berger, Felix, Klaassen, Sabine (2021): *Reduced Systolic Function and Not Genetic Variants Determine Outcome in Pediatric and Adult Left Ventricular Noncompaction Cardiomyopathy*. Frontiers in Pediatrics 9, 722926  
<https://doi.org/10.5167/uzh-208148>

Schumann, Anke, Belche, Véronique, Schaller, Kristin, Grünert, Sarah C, Kaech, Andres, **Baumgartner, Matthias R**, Kölker, Stefan, Hannibal, Luciana, Spiekerkoetter, Ute (2021): *Mitochondrial damage in renal epithelial cells is potentiated by protein exposure in propionic aciduria*. Journal of Inherited Metabolic Disease 44 (6), 1330-1342  
<https://doi.org/10.5167/uzh-213087>

**Schweiger, M**, **Erdil, T**, Di Bernardo, S, Balmer, C, Yildiz, M, Kadner, A, Swiss Transplant Cohort Study (2021): *Use of induction therapy in pediatric heart transplant recipients in Switzerland - Analysis of the Swiss national database*. Transplant immunology 68, 101443  
<https://www.zora.uzh.ch/id/eprint/207408/>

Schwindt, Jens, Schwindt, Eva, **Grass, Beate**, Schäfer, Stefan, Kreth, Ulrich, Hoffmann, Florian (2021): *Intubation in neonatal resuscitation - compelling necessity or incalculable risk?* Resuscitation 165, 188-189  
<https://www.zora.uzh.ch/id/eprint/203952/>

**Schwizer Ashkenazi, Simone**, **Tuura, Ruth O'Gorman** (2021): *Schwierigkeiten bei grundlegenden Zahlenfertigkeiten sind primär mit einer Dyskalkulie und nicht mit einer Aufmerksamkeitsstörung assoziiert*. Lernen und Lernstörungen 10 (3), 181  
<https://doi.org/10.5167/uzh-205085>

**Seiler, Michelle**, **Gerstenberg, Anja**, Kalisch, Markus, **Kennedy, Uchenna**, **Scheer, Helene S**, **Weber, Daniel M** (2021): *Non-operative treatment versus suture re-fixation of the nail plate in paediatric fingernail avulsion injuries*. Journal of Hand Surgery, European Volume 46 (5), 523-529  
<https://doi.org/10.5167/uzh-193404>

**Seiler, Michelle**, Goldman, Ran D, **Staubli, Georg**, Hoeffle, Julia, Gualco, Gianluca, Manzano, Sergio (2021): *Parents' intent to vaccinate against influenza during the COVID-19 pandemic in two regions in Switzerland*. Swiss Medical Weekly 151, w20508  
<https://doi.org/10.5167/uzh-204695>

**Seiler, Michelle, Heinz, Peter, Callegari, Alessia, Dreher, Thomas, Staubli, Georg, Aufdenblatten, Christoph** (2021): *Short and long-arm fiberglass cast immobilization for displaced distal forearm fractures in children: a randomized controlled trial*. International orthopaedics 45 (3), 759-768  
<https://doi.org/10.5167/uzh-193400>

**Seiler, Michelle, Staubli, Georg, Hoeffe, Julia, Gualco, Gianluca, Manzano, Sergio, Goldman, Ran D** (2021): *A tale of two parts of Switzerland: regional differences in the impact of the COVID-19 pandemic on parents*. BMC Public Health 21, 1275  
<https://doi.org/10.5167/uzh-204694>

**Seiler, Michelle, Furrer, Pascal Raffael, Staubli, Georg, Albisetti, Manuela** (2021): *Unplanned Return Visits to a Pediatric Emergency Department*. Pediatric Emergency Care 37 (11), e746-e749  
<https://doi.org/10.5167/uzh-179544>

Sendi, Parham, Hasse, Barbara, Frank, Michelle, Flückiger, Ursula, Boggian, Katia, Guery, Benoit, Jeger, Raban, Zbinden, Stephan, Agyeman, Philipp, **Knirsch, Walter, Greutmann, Matthias** (2021): *Infective endocarditis: prevention and antibiotic prophylaxis*. Swiss Medical Weekly 151, w20473  
<https://doi.org/10.5167/uzh-208984>

Serra, Eva Gonçalves, Schwerd, Tobias, Moutsianas, Loukas, Cavounidis, Athena, Fachal, Laura, et al, **Braegger, Christian P** (2020): *Somatic mosaicism and common genetic variation contribute to the risk of very-early-onset inflammatory bowel disease*. Nature Communications 11, 995  
<https://doi.org/10.5167/uzh-194279>

**Serra, Sabina, Kugler, Julietta, Hug, Martina, Hackenberg, Annette, Latal, Beatrice, Khan, Nadia** (2021): *Preoperative neurodevelopment of children with moyamoya angiopathy*. Developmental Medicine and Child Neurology 63 (2), 218-225  
<https://doi.org/10.5167/uzh-192797>

Sever, Zoe, **Schlapbach, Luregn J**, Jessup, Melanie, George, Shane, Harley, Amanda (2021): *Parental and healthcare professional concern in the diagnosis of paediatric sepsis: a protocol for a prospective multicentre observational study*. BMJ Open 11 (9), e045910  
<https://doi.org/10.5167/uzh-211056>

Siegwart, Valerie, Steiner, Leonie, Pastore-Wapp, Manuela, Benzing, Valentin, Spitzhüttl, Janine, Schmidt, Mirko, Kiefer, Claus, Slavova, Nedelina, **Grotzer, Michael**, Roebbers, Claudia, Steinlin, Maja, Leibundgut, Kurt, Everts,

Regula (2021): *The Working Memory Network and Its Association with Working Memory Performance in Survivors of non-CNS Childhood Cancer*. Developmental Neuropsychology 46 (3), 249-264  
<https://doi.org/10.5167/uzh-212955>

Simpson, Adam, Long, Deborah, Fleischmann-Struzek, Carolin, Minogue, Jessicah, Venkatesh, Balasubramanian, Hammond, Naomi E, Tian, David H, **Schlapbach, Luregn J** (2021): *Long-Term Functional Outcomes After Sepsis for Adult and Pediatric Critical Care Patients-Protocol for a Systematic Review*. Frontiers in Pediatrics 9, 734205  
<https://doi.org/10.5167/uzh-211059>

Skowron, Patryk, Farooq, Hamza, et al, **Guerreiro Stucklin, Ana S**, Taylor, Michael D (2021): *The transcriptional landscape of Shh medulloblastoma*. Nature Communications 12, 1749  
<https://doi.org/10.5167/uzh-217074>

**Snipes, Sophia, Huber, Reto**, Karlen, Walter (2021): *A response to Basner et al. (2021): «Response speed measurements on the psychomotor vigilance task: how precise is precise enough?»*. Sleep 44 (7), zsb085  
<https://doi.org/10.5167/uzh-206565>

**Sousouri, Georgia**, Baumann, Christian R, Imbach, Lukas L, **Huber, Reto**, Werth, Esther (2021): *Sleep electroencephalographic asymmetry in Parkinson's disease patients before and after deep brain stimulation*. Clinical Neurophysiology 132 (4), 857-863  
<https://doi.org/10.5167/uzh-201966>

Spitzhüttl, Janine S, Kronbichler, Martin, Kronbichler, Lisa, Benzing, Valentin, Siegwart, Valerie, Pastore-Wapp, Manuela, Kiefer, Claus, Slavova, Nedelina, **Grotzer, Michael**, Roebbers, Claudia M, Steinlin, Maja, Leibundgut, Kurt, Everts, Regula (2021): *Impact of non-CNS childhood cancer on resting-state connectivity and its association with cognition*. Brain and Behavior 11, e01931  
<https://doi.org/10.5167/uzh-212945>

Spitzhüttl, Janine S, Kronbichler, Martin, Kronbichler, Lisa, Benzing, Valentin, Siegwart, Valerie, Schmidt, Mirko, Pastore-Wapp, Manuela, Kiefer, Claus, Slavova, Nedelina, **Grotzer, Michael**, Steinlin, Maja, Roebbers, Claudia M, Leibundgut, Kurt, Everts, Regula (2021): *Cortical Morphometry and Its Relationship with Cognitive Functions in Children after non-CNS Cancer*. Developmental Neurorehabilitation 24 (4), 266-275  
<https://www.zora.uzh.ch/id/eprint/212944/>

Stancampiano, Marianna R, Lucas-Herald, Angela K, Bryce, Jillian, Russo, Gian-ni, Barera, Graziano, Balsamo, Antonio, Baronio, Federico, Bertelloni, Silvano, Valiani, Margherita, Cools, Martine, Tack, Lloyd J W, Darendeliler, Feyza, Poyrazoglu, Sukran, Globa, Evgenia, Grinspon, Romina, Hannema, Sabine E, Hughes, Ieuan A, Tadokoro-Cuccaro, Rieko, Thankamony, Ajay, Iotova, Violeta, Mladenov, Vilhelm, **Konrad, Daniel**, Mazen, Inas, Niedziela, Marek, Kolesinska, Zofia, Nordenström, Anna, Ahmed, Faisal S (2021): *Testosterone Therapy and Its Monitoring in Adolescent Boys with Hypogonadism: Results of an International Survey from the I-DSD Registry*. Sexual Development 15 (4), 236-243  
<https://doi.org/10.5167/uzh-205282>

Stegeman, R, **Feldmann, Maria**, Claessens, N H P, Jansen, N J G, Breur, J M P J, de Vries, L S, Logeswaran, T, Reich, B, **Knirsch, Walter, Kottke, Raimund, Haggmann, Cornelia Franziska, Latal, Beatrice**, Simpson, J, Pushpa-rajah, K, Bonthron, A F, Kelly, Christopher, Arulkumaran, S, Rutherford, M A, Counsell, S J, Benders, M J N L (2021): *A Uniform Description of Perioperative Brain MRI Findings in Infants with Severe Congenital Heart Disease: Results of a European Collaboration*. American Journal of Neuroradiology 42 (11), 2034-2039  
<https://doi.org/10.5167/uzh-211023>

Stieglitz, Lennart, Oertel, Markus F, Accolla, Ettore A, Bally, Julien, Bauer, Roland, Baumann, Christian R, Benninger, David, Bohlhalter, Stephan, Büchele, Fabian, Hägele-Link, Stefan, Kägi, Georg, Krack, Paul, Krüger, Marie, Mahendran, Sujitha, Möller, Carsten, Mylius, Veit, Piroth, Tobias, **Werner, Beat**, Kaelin, Alain (2021): *Consensus Statement on High-Intensity Focused Ultrasound for Functional Neurosurgery in Switzerland*. Frontiers in Neurology 12, 722762  
<https://doi.org/10.5167/uzh-206819>

Stocker, Martin, van Herk, Wendy, el Helou, Salhab, Dutta, Sourabh, Schuerman, Frank A B A, van den Tooren-de Groot, Rita K, Wieringa, Jantien W, Janota, Jan, van der Meer-Kappelle, Laura H, Moonen, Rob, Sie, Sintha D, de Vries, Esther, Donker, Albertine E, Zimmermann, Urs, de Mol, Amerik C, Hoffman-Haringsma, Angelique, Roy, Madan, Tomaske, Maren, Kornelisse, René F, van Gijssel, Juliette, Visser, Eline G, Plötz, Frans B, Heath, Paul, Achten, Niek B, Lehnick, Dirk, van Rossum, Annemarie M C, **Schlapbach, Luregn J** (2021): *C-Reactive Protein, Procalcitonin, and White Blood Count to Rule Out Neonatal Early-onset Sepsis Within 36 Hours: A Secondary Analysis of the Neonatal Procal-*

*citinin Intervention Study*. Clinical Infectious Diseases 73 (2), e383-e390

<https://doi.org/10.5167/uzh-192744>

Streuli, Jürg Caspar, Anderson, James, Alef-Defoe, Sierra, **Bergsträsser, Eva**, Jucker, Jovana, **Meyer, Stephanie**, Chaksad-Weiland, Sophia, Vayena, Effy (2021): *Combining the best interest standard with shared decision-making in paediatrics—introducing the shared optimum approach based on a qualitative study*. European Journal of Pediatrics 180 (3), 759-766

<https://doi.org/10.5167/uzh-192234>

Szajek, Katarzyna, Kajdi, Marie-Elisabeth, **Luyckx, Valerie A**, Fehr, Thomas Hans, Gaspert, Ariana, Cusini, Alexia, Hohloch, Karin, Grosse, Philipp (2021): *Granulomatous interstitial nephritis in a patient with SARS-CoV-2 infection*. BMC Nephrology 22, 19

<https://doi.org/10.5167/uzh-195845>

Tandon, Animesh, Mohan, Navina, Jensen, Cory, **Burkhardt, Barbara** Eu, Gooty, Vasu, Castellanos, Daniel A, McKenzie, Paige L, Zahr, Riad Abou, Bhattaru, Abhijit, Abdulkarim, Mubeena, Amir-Khalili, Alborz, Sojoudi, Alireza, Rodriguez, Stephen M, Dillenbeck, Jeanne, Greil, Gerald, Hussain, Tarique (2021): *Retraining Convolutional Neural Networks for Specialized Cardiovascular Imaging Tasks: Lessons from Tetralogy of Fallot*. Pediatric Cardiology 42 (3), 578-589

<https://doi.org/10.5167/uzh-196223>

Terrapon, Alexis Paul Romain, Zattra, Costanza Maria, Voglis, Stefanos, **Velz, Julia**, Vasella, Flavio, Akeret, Kevin, Held, Ulrike, Schiavolin, Silvia, Bozinov, Oliver, Ferroli, Paolo, Broggi, Morgan, Sarnthein, Johannes, Regli, Luca, Neidert, Marian Christoph (2021): *Adverse Events in Neurosurgery: The Novel Therapy-Disability-Neurology Grade*. Neurosurgery 89 (2), 236-245

<https://doi.org/10.5167/uzh-203004>

**Theiler, Martin, Knöpfel, N**, von der Heydt, Susanne, **Schwieger-Briel, Agnes, Luchsinger, I**, Smith, Alexandra, Kernland-Lang, Kristin, **Wälchli, Regula, Neuhaus, Kathrin**, Kohler, Malcolm, **Gnannt, Ralph, Schoch, Sarah F, Weibel, Lisa, Kurth, Salome** (2021): *Sleep behavior of infants with infantile hemangioma treated with propranolol—a cohort study*. European Journal of Pediatrics 180 (8), 2655-2668

<https://doi.org/10.5167/uzh-205118>

Tolend, Mirkamal, Doria, Andrea S, Meyers, Arthur B, Larheim, Tore A, et al, **Kellenberger, Christian J** (2021): *Assessing the Reliability of the OMERACT Juvenile Idiopathic*

*Arthritis Magnetic Resonance Scoring System for Temporomandibular Joints (JAMRIS-TMJ)*.

Journal of Clinical Medicine 10 (18), 4047

<https://doi.org/10.5167/uzh-209100>

Tra, Sowannara, Ochsenbein-Kölbl, Nicole, Stein, P, **Meuli, Martin, Moehrlen, Ueli, Mazzone, Luca**, Kraehenmann, Franziska, Zimmermann, Roland, Biro, Peter (2021): *Association of uterine activity and maternal volatile anesthetic exposure during open fetal surgery for spina bifida: a retrospective analysis*. International Journal of Obstetric Anesthesia 46, 102974

<https://doi.org/10.5167/uzh-210278>

**Traxel, Sabrina**, Lehmann, Julia, Richard, Stefanie, **Sidorov, Semjon, Niggli, Felix, Berger, Christoph**, Nadal, David, **Bürgler, Simone** (2021): *Support of BCP-ALL-cells by autologous bone marrow Th-cells involves induction of AID expression but not widespread AID off-target mutagenesis*. Cancer Immunology, Immunotherapy 70 (8), 2275-2289

<https://doi.org/10.5167/uzh-199584>

Treyer, Valerie, Meyer, Rafael S, **Buchmann, Andreas**, Cramer, Giovanni A G, Studer, Sandro, Saake, Antje, Gruber, Esmeralda, Unschuld, Paul G, Nitsch, Roger M, Hock, Christoph, Gietl, Anton F (2021): *Physical activity is associated with lower cerebral beta-amyloid and cognitive function benefits from lifetime experience—a study in exceptional aging*. PLoS ONE 16 (2), e0247225

<https://doi.org/10.5167/uzh-200714>

Tristán-Noguero, Alba, Borràs, Eva, Molero-Luis, Marta, Wassenberg, Tessa, Peters, Tessa, Verbeek, Marcel M, Willemsen, Michèl, Opladen, Thomas, Jeltsch, Kathrin, Pons, Roser, **Thöny, Beat**, Horvath, Gabriella, Yapici, Zuhair, Friedman, Jennifer, Hyland, Keith, Agosta, Guillermo E, López-Laso, Eduardo, Artuch, Rafael, Sabido, Eduard, García-Cazorla, Àngels (2021): *Novel Protein Biomarkers of Monoamine Metabolism Defects Correlate with Disease Severity*. Movement Disorders 36 (3), 690-703

<https://doi.org/10.5167/uzh-194380>

**Tschauner, Sebastian, Zellner, Michael, Pistorius, Sarah, Gnannt, Ralph, Schraner, Thomas, Kellenberger, Christian J** (2021): *Ultra-low-dose lung multidetector computed tomography in children - Approaching 0.2 millisievert*. European Journal of Radiology 139, 109699

<https://doi.org/10.5167/uzh-203420>

Tu, Quyen, Cotta, Menino, Raman, Sainath, Graham, Nicolette, **Schlapbach, Luregn J**, Roberts, Jason A (2021): *Individualized precis-*

*ion dosing approaches to optimize antimicrobial therapy in pediatric populations*. Expert Review of Clinical Pharmacology 14 (11), 1383-1399

<https://www.zora.uzh.ch/id/eprint/211054/>

**Tuura, Ruth O’Gorman, Volk, Carina, Callaghan, Fraser M, Jaramillo, Valeria, Huber, Reto** (2021): *Sleep-related and diurnal effects on brain diffusivity and cerebrospinal fluid flow*. NeuroImage 241, 118420

<https://doi.org/10.5167/uzh-20580>

**Tuura, Ruth O’Gorman** (2021): *Training von räumlicher Kognition fördert Rechnen*. Lernen und Lernstörungen 10 (4), 246

<https://www.zora.uzh.ch/id/eprint/208937/>

**Tuura, Ruth O’Gorman** (2021): *Wann erwerben Vorschulkinder spezifische numerische Fertigkeiten?*. Lernen und Lernstörungen 10 (1), 51-52

<https://doi.org/10.5167/uzh-195447>

Ulytè, Agnè, Radtke, Thomas, Abela, Irene Alma, Haile, Sarah R, Blankenberger, Jacob, Jung, Ruedi, Capelli, Celine, **Berger, Christoph**, Frei, Anja, Huber, Michael, Schanz, Merle, Schwarzmueller, Magdalena, Trkola, Alexandra, Fehr, Jan, Puhan, Milo Alan, Kriemler, Susi (2021): *Variation in SARS-CoV-2 seroprevalence across districts, schools and classes: baseline measurements from a cohort of primary and secondary school children in Switzerland*. BMJ Open 11 (7), e047483

<https://doi.org/10.5167/uzh-210780>

Ulyte, Agne, Radtke, Thomas, Abela, Irene A, Haile, Sarah R, **Berger, Christoph**, Huber, Michael, Schanz, Merle, Schwarzmueller, Magdalena, Trkola, Alexandra, Fehr, Jan, Puhan, Milo A, Kriemler, Susi (2021): *Clustering and longitudinal change in SARS-CoV-2 seroprevalence in school children in the canton of Zurich, Switzerland: prospective cohort study of 55 schools*. BMJ: British Medical Journal 372, n616

<https://doi.org/10.5167/uzh-210779>

Ulyte, Agne, Radtke, Thomas, Abela, Irene A, Haile, Sarah R, Ammann, Priska, **Berger, Christoph**, Trkola, Alexandra, Fehr, Jan, Puhan, Milo A, Kriemler, Susi (2021): *Evolution of SARS-CoV-2 seroprevalence and clusters in school children from June 2020 to April 2021 reflect community transmission: prospective cohort study Ciao Corona*. arXiv.org, 21260644

<https://doi.org/10.5167/uzh-209620>

Vaarwerk, Bas, **Breunis, Willemijn B**, Haveman, Lianne M, de Keizer, Bart, Jehanno, Nina, Borgwardt, Lise, van Rijn, Rick R, van den Berg, Henk, Cohen, Jérémie F, van Dalen, Elvira C, Merks, Johannes H M (2021):

Fluorine-18-fluorodeoxyglucose (FDG) positron emission tomography (PET) computed tomography (CT) for the detection of bone, lung, and lymph node metastases in rhabdomyosarcoma. *Cochrane Database of Systematic Reviews* 11, CD012325  
<https://doi.org/10.5167/uzh-212928>

van der Veer, Gerda, Kamphorst, Erica, Minnaert, Alexander, Cantell, Marja, **Kakebeeke, Tanja H**, Houwen, Suzanne (2021): *Assessing Motor Performance in Preschool Children: The Zurich Neuromotor Assessment-2 and the Movement Assessment Battery for Children-2*. *Perceptual and Motor Skills* 128 (5), 2014-2032  
<https://doi.org/10.5167/uzh-214151>

van der Zwet, Jordy C G, Buijs-Gladdines, Jessica G C A M, Cordos, Valentina, Debets, Donna O, Smits, Willem K, Chen, Zhongli, Dylus, Jelle, Zaman, Guido J R, Altelaa, Maarten, Oshima, Koichi, **Bornhauser, Beat C**, **Bourquin, Jean-Pierre**, Cools, Jan, Ferrando, Adolfo A, Vormoor, Josef, Pieters, Rob, Vormoor, Britta, Meijerink, Jules P (2021): *MAPK-ERK is a central pathway in T-cell acute lymphoblastic leukemia that drives steroid resistance*. *Leukemia* 35 (12), 3394-3405  
<https://doi.org/10.5167/uzh-213013>

van Ewijk, Roelof, Vaarwerk, Bas, **Breunis, Willemijn B**, Schoot, Reineke A, Ter Horst, Simone A J, van Rijn, Rick R, van der Lee, Johanna H, Merks, Johannes H M (2021): *The Value of Early Tumor Size Response to Chemotherapy in Pediatric Rhabdomyosarcoma*. *Cancers* 13 (3), 510  
<https://doi.org/10.5167/uzh-212920>

**Van Hedel, Hubertus J A**, Bulloni, Agata, **Gut, Anja** (2021): *Prefrontal Cortex and Supplementary Motor Area Activation During Robot-Assisted Weight-Supported Over-Ground Walking in Young Neurological Patients: A Pilot fNIRS Study*. *Frontiers in Rehabilitation Sciences* 2, 788087  
<https://doi.org/10.5167/uzh-214267>

**Van Hedel, Hubertus J A**, **Rosselli, Irene**, **Baumgartner-Ricklin, Sandra** (2021): *Clinical utility of the over-ground bodyweight-supporting walking system Andago in children and youths with gait impairments*. *Journal of Neuroengineering and Rehabilitation (JNER)* 18, 29  
<https://doi.org/10.5167/uzh-214215>

**van Krieken, Pim P**, **Odermatt, Timothy S**, **Borsigova, Marcela**, Blüher, Matthias, **Wüest, Stephan**, **Konrad, D** (2021): *Oncostatin M suppresses browning of white adipocytes via*

*gp130-STAT3 signaling*. *Molecular Metabolism* 54, 101341  
<https://doi.org/10.5167/uzh-206731>

van Spronsen, Francjan J, **Blau, Nenad**, Burlina, Alberto, Harding, Cary (2021): *Phenylketonuria*. *Nature Reviews. Disease Primers* 7, 36  
<https://doi.org/10.5167/uzh-204273>

van Tilburg, Cornelis M, Pfaff, Elke, Pajtler, Kristian W, et al, **Gerber, Nicolas U** (2021): *The Pediatric Precision Oncology INFORM Registry: Clinical Outcome and Benefit for Patients with Very High-Evidence Targets*. *Cancer Discovery* 11 (11), 2764-2779  
<https://doi.org/10.5167/uzh-208150>

Vanholder, Raymond, Annemans, Lieven, Bello, Aminu K, Bikbov, Boris, Gallego, Daniel, Gansevoort, Ron T, Lameire, Norbert, **Luyckx, Valerie A**, Noruysiene, Edita, Oostrom, Tom, Wanner, Christoph, Wieringa, Fokko (2021): *Fighting the unbearable lightness of neglecting kidney health: the decade of the kidney*. *Clinical Kidney Journal* 14 (7), 1719-1730  
<https://doi.org/10.5167/uzh-208270>

**Vavassori, Stefano**, Chou, Janet, Faletti, Laura Eva, **Haunerding, Veronika**, Opitz, Lennart, Joset, Pascal, Fraser, Christopher J, **Prader, Seraina**, Gao, Xianfei, Schuch, Luise A, Wagner, Matias, Hoefele, Julia, Macca-ri, Maria Elena, Zhu, Ying, Elakis, George, Gabbett, Michael T, Forstner, Maria, Omran, Heymut, Kaiser, Thomas, Kessler, Christina, Olbrich, Heike, Frosk, Patrick, Almutairi, Abduarhman, Platt, Craig D, Elkins, Megan, Weeks, Sabrina, Rubin, Tamar, Planas, Raquel, **Marchetti, Tommaso**, Koovely, Danil, **Brotschi, Barbara**, **Laube, Guido**, **Güngör, Tayfun**, **Kottke, Raimund**, Weber, Achim, Griese, Matthias, **Pachlopnik Schmid, Jana**, et al (2021): *Multisystem Inflammation and Susceptibility to Viral infections in Human ZNF1 Deficiency*. *Journal of Allergy and Clinical Immunology* 148 (2), 381-393  
<https://www.zora.uzh.ch/id/eprint/202843/>  
**Velz, Julia**, Esposito, Giuseppe, Regli, Luca (2021): *Traumatic Distal Anterior Cerebral Artery Aneurysms – Pathomechanism and Revascularisation Strategies*. *Journal of Stroke and Cerebrovascular Diseases* 30 (3), 105578  
<https://doi.org/10.5167/uzh-196170>

**Velz, Julia**, Neidert, Marian Christoph, Yang, Yang, Akeret, Kevin, Nakaji, Peter, Regli, Luca, Bozinov, Oliver (2021): *Mortality in Patients with Brainstem Cavernous Malformations*. *Cerebrovascular Diseases* 50 (5), 574-580  
<https://doi.org/10.5167/uzh-213219>

Ventéjou, Sarah, **Schwieger-Briel, Agnes**, Nicolai, Rebecca, Christen-Zaech, Stephanie, Schnider, Caroline, Hofer, Michael, Bogiatzi, Sofia, Hohl, Daniel, De Benedetti, Fabrizio, Morren, Marie-Anne (2021): *Case Report: Pansclerotic Morphea-Clinical Features, Differential Diagnoses and Modern Treatment Concepts*. *Frontiers in Immunology* 12, 656407  
<https://doi.org/10.5167/uzh-215806>

Villiger, Lukas, Rothgangl, Tanja, Witzigmann, Dominik, Oka, Rurika, Lin, Paulo J C, Qi, Weihong, Janjuha, Sharan, Berk, Christian, Ringnalda, Femke, Beattie, Mitchell B, Stoffel, Markus, **Thöny, Beat**, Hall, Jonathan, Rehrauer, Hubert, van Boxtel, Ruben, Tam, Ying K, Schwank, Gerald (2021): *In vivo cytidine base editing of hepatocytes without detectable off-target mutations in RNA and DNA*. *Nature Biomedical Engineering* 5 (2), 179-189  
<https://doi.org/10.5167/uzh-200499>

Vitanza, Nicholas A, Biery, Matt C, Myers, Carrie, Ferguson, Eric, Zheng, Ye, Girard, Emily J, **Przystal, Justyna M**, Park, Giulia, Noll, Alyssa, Pakiam, Fiona, Winter, Conrad A, Morris, Shelli M, Sarthy, Jay, Cole, Bonnie L, Leary, Sarah E S, Crane, Courtney, Lieberman, Nicole A P, **Mueller, Sabine**, **Nazarian, Javad**, Gottardo, Raphael, Brusniak, Mi-Youn, Mhyre, Andrew J, Olson, James M (2021): *Optimal therapeutic targeting by HDAC inhibition in biopsy-derived treatment-naïve diffuse midline glioma models*. *Neuro-Oncology* 23 (3), 376-386  
<https://doi.org/10.5167/uzh-197982>

Vogel, Nicole, **Schmugge, Markus**, Renella, Raffaele, Waespe, Nicolas, Hengartner, Heinz (2021): *The landscape of pediatric Diamond-Blackfan anemia in Switzerland: genotype and phenotype characteristics*. *European Journal of Pediatrics* 180 (12), 3581-3585  
<https://doi.org/10.5167/uzh-210103>

**von Hammerstein, Alix L**, Aebi, Christoph, Barbey, Florence, **Berger, Christoph**, Buettcher, Michael, Casaulta, Carmen, Egli, Adrian, Gebauer, Mathias, Guerra, Beatrice, Kahlert, Christian, Kellner, Eva, Kottanattu, Lisa, Opota, Onya, Mann, Christian, **Meyer Sauter, Patrick**, Plebani, Margherita, Ritz, Nicole, Testi, Chiara, **von Niederhäusern, Valentin**, Wagner, Noémie, Zimmermann, Petra, Zucol, Franziska, Agyeman, Philipp K A, **Trück, Johannes** (2021): *Interseasonal RSV infections in Switzerland - rapid establishment of a clinician-led national reporting system (RSV EpiCH)*. *Swiss Medical Weekly* 151, w30057  
<https://doi.org/10.5167/uzh-209601>



von Hoff, Katja, Haberler, Christine, Schmitt-Hoffner, Felix, Schepke, Elizabeth, de Rojas, Teresa, Jacobs, Sandra, Zapotocky, Michal, Sumerauer, David, Perek-Polnik, Marta, Dufour, Christelle, van Vuurden, Dannis, Slavic, Irene, Gojo, Johannes, Pickles, Jessica C, **Gerber, Nicolas U**, Massimino, Maura, Gil-da-Costa, Maria Joao, Garami, Miklos, Kumirova, Ella, Sehested, Astrid, Scheie, David, Cruz, Ofelia, Moreno, Lucas, Cho, Jaeho, Zeller, Bernward, Bovenschen, Niels, **Grotzer, Michael**, Alderete, Daniel, Snuderl, Matija, Zheludkova, Olga, et al (2021): *Therapeutic implications of improved molecular diagnostics for rare CNS embryonal tumor entities: results of an international, retrospective study*. *Neuro-Oncology* 23 (9), 1597-1611  
<https://www.zora.uzh.ch/id/eprint/212942/>

von Räden, Christian, Dietz, Sven-Oliver, Schmittbecher, Peter, Fernandez, Francisco F, Lieber, Justus, Wilkens, Björn, **Rüger, Matthias**, Schneidmueller, Dorien (2021): *Pediatric aseptic lower leg fracture nonunion*. *European Journal of Trauma and Emergency Surgery* 47 (2), 303-311  
<https://doi.org/10.5167/uzh-215836>

Vonzun, Ladina, Kahr, M K, Noll, F, **Mazzone, L, Moehrlen, U, Meuli, M**, Hüslser, M, Krähenmann, F, Zimmermann, R, Ochsenbein-Kölblle, N (2021): *Systematic classification of maternal and fetal intervention-related complications following open fetal myelomeningocele repair - results from a large prospective cohort*. *BJOG* 128 (7), 1184-1191  
<https://www.zora.uzh.ch/id/eprint/199725/>

Vonzun, Ladina, Winder, Franziska Maria, **Meuli, Martin, Moehrlen, Ueli, Mazzone, Luca**, Kraehenmann, Franziska, Huesler, Margaret, Zimmermann, Roland, Ochsenbein-Kölblle, Nicole (2021): *Hindbrain Herniation and Banana and Lemon Sign After Open Fetal Myelomeningocele Repair - When Do These Signs Disappear and is Shunting Predictable?*. *Ultraschall in der Medizin* 42 (05), 514-519  
<https://www.zora.uzh.ch/id/eprint/199724/>

Waespe, Nicolas, Belle, Fabiën N, Redmond, Shelagh, Schindera, Christina, Spycher, Ben D, Rössler, Jochen, Ansari, Marc, Kuehni, Claudia E, **Swiss Paediatric Oncology Group (SPOG)** (2021): *Cancer predisposition syndromes as a risk factor for early second primary neoplasms after childhood cancer - A national cohort study*. *European Journal of Cancer* 145, 71-80  
<https://doi.org/10.5167/uzh-213020>

Wahlsten, Adam, **Rütsche, Dominic, Nanni, Monica**, Giampietro, Costanza, **Biedermann, Thomas, Reichmann, Ernst**, Mazza, Edoardo

(2021): *Mechanical stimulation induces rapid fibroblast proliferation and accelerates the early maturation of human skin substitutes*. *Biomaterials* 273, 120779  
<https://doi.org/10.5167/uzh-204099>

Wälchli, Thomas, Bisschop, Jeroen, Miettinen, Arttu, Ulmann-Schuler, Alexandra, Hintermüller, Christoph, Meyer, Eric P, Krucker, Thomas, **Wälchli, Regula**, Monnier, Philippe P, Carmeliet, Peter, Vogel, Johannes, Stamparoni, Marco (2021): *Hierarchical imaging and computational analysis of three-dimensional vascular network architecture in the entire postnatal and adult mouse brain*. *Nature Protocols* 16 (10), 4564-4610  
<https://www.zora.uzh.ch/id/eprint/212877/>

Walti, Laura N, Mugglin, Catrina, Sidler, Daniel, Mombelli, Matteo, Manuel, O, Hirsch, Hans H, Khanna, Nina, Mueller, Nicolas J, **Berger, Christoph**, Boggian, Katia, Garzoni, Christian, Neofytos, D, van Delden, Christian, Hirzel, Cédric (2021): *Association of Antiviral Prophylaxis and Rituximab Use with Post-transplant Lymphoproliferative Disorders (PTLD): A Nationwide Cohort Study*. *American Journal of Transplantation* 21 (7), 2532-2542  
<https://www.zora.uzh.ch/id/eprint/193467/>

Warschburger, Petra, Calvano, Claudia, Becker, Sebastian, Ebinger, Friedrich, Hudert, Christian, Iven, Enno, **Posovszky, Carsten**, Winter, Sibylle-Maria, Daubmann, Anne, Ozga, Ann-Kathrin, Wegscheider, Karl (2021): *Do Children With Functional Abdominal Pain Benefit More From a Pain-Specific Cognitive-Behavioral Intervention Than From an Unspecific Attention Control Intervention? Results of a Randomized Controlled Trial*. *American Journal of Gastroenterology* 116 (6), 1322-1335  
<https://www.zora.uzh.ch/id/eprint/214348/>

**Wawrzyniak, Paulina, Noureddine, Nazek**, Wawrzyniak, Marcin, Lucchinetti, Eliana, Krämer, Stefanie D, Rogler, Gerhard, Zaugg, Michael, **Hersberger, Martin** (2021): *Nutritional Lipids and Mucosal Inflammation*. *Molecular Nutrition & Food Research* 65 (5), e1901269  
<https://www.zora.uzh.ch/id/eprint/189345/>

**Wehrle, Flavia Maria, Caflisch, Jon, Eichelberger, Dominique A, Haller, Giulia, Latal, Beatrice, Largo, Remo H, Kakebeeke, Tanja H, Jenni, Oskar G** (2021): *The Importance of Childhood for Adult Health and Development—Study Protocol of the Zurich Longitudinal Studies*. *Frontiers in Human Neuroscience* 14, 612453  
<https://doi.org/10.5167/uzh-199018>

**Wehrle, Flavia Maria, Stöckli, Alexandra, Disselhoff, Vera, Schnider, Barbara**, Grunt, Sebastian, **Mouthon, Anne-Laure, Latal, Bea, Hagmann, Cornelia Franziska**, Everts, Regula (2021): *Effects of Correcting for Prematurity on Executive Function Scores of Children Born Very Preterm at School Age*. *Journal of Pediatrics* 238, 145-152.e2  
<https://doi.org/10.5167/uzh-211027>

**Weibel, Lisa, Theiler, Martin, Gnannt, Ralph, Neuhaus, Kathrin**, Han, Jan Schellenberg, Huber, Hanspeter, **Nordmann, Thierry M** (2021): *Reduction of Disease Burden With Early Sirolimus Treatment in a Child With Proteus Syndrome*. *JAMA Dermatology* 157 (12), 1514-1516  
<https://www.zora.uzh.ch/id/eprint/211435/>

Weil, Alexander G, Lewis, Evan C, Ibrahim, George M, Kola, Olivia, et al, **Ramantani, Georgia**, Stienen, Martin N, **Krayenbühl, Niklaus** (2021): *Hemispherectomy Outcome Prediction Scale: Development and validation of a seizure freedom prediction tool*. *Epilepsia* 62 (5), 1064-1073  
<https://www.zora.uzh.ch/id/eprint/213619/>

Willasch, Andre Manfred, Peters, Christina, et al, **Güngör, Tayfun** (2020): *Myeloablative conditioning for allo-HSCT in pediatric ALL: FTBI or chemotherapy?—A multicenter EBMT-PDWP study*. *Bone Marrow Transplantation* 55 (8), 1540-1551  
<https://doi.org/10.5167/uzh-198553>

Willasch, Andre Manfred, Peters, Christina, Sedlacek, Petr, et al, **Güngör, Tayfun** (2021): *Correction: Myeloablative conditioning for allo-HSCT in pediatric ALL: FTBI or chemotherapy?—A multicenter EBMT-PDWP study*. *Bone Marrow Transplantation* 56 (10), 2615  
<https://doi.org/10.5167/uzh-214396>

Willasch, Andre Manfred, Peters, Christina, Sedlacek, Petr, et al, **Güngör, Tayfun** (2020): *Myeloablative conditioning for allo-HSCT in pediatric ALL: FTBI or chemotherapy?—A multicenter EBMT-PDWP study*. *Bone Marrow Transplantation* 55 (8), 1540-1551  
<https://doi.org/10.5167/uzh-217562>

**Wille, David-Alexander, Padden, Beth, Moehrlen, Ueli, Latal, Beatrice, Schauer, Sonja, Kottke, Raimund, Grethen, Patrice, Meuli, Martin** (2021): *Impact of Brain Malformations on Neurodevelopmental Outcome in Children with a History of Prenatal Surgery for Open Spina Bifida*. *Fetal Diagnosis and Therapy* 48 (8), 588-595  
<https://doi.org/10.5167/uzh-206744>

Writing Committee for the ADHD, Autism Spectrum Disorder, Bipolar Disorder, Major Depressive Disorder, Obsessive-Compulsive Disorder, Schizophrenia ENIGMA Working Groups (2021): *Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders*. JAMA Psychiatry 78 (1), 47-63 <https://doi.org/10.5167/uzh-190361>

**Wüest, Stephan**, Seelig, Eleonora, Timper, Katharina, Lyngbaek, Mark P, Karstoft, Kristian, Donath, Marc Y, Ellingsgaard, Helga, **Konrad, D** (2021): *IL-6 Receptor Blockade Increases Circulating Adiponectin Levels in People with Obesity: An Explanatory Analysis*. Metabolites 11 (2), 79 <https://doi.org/10.5167/uzh-200176>

Wuggenig, Philipp, Kaya, Berna, Melhem, Hassan, Ayata, C Korcan, **Swiss IBD Cohort Investigators**, Hruz, Petr, Sayan, A Emre, Tsumura, Hideki, Ito, Morihiro, Roux, Julien, Niess, Jan Hendrik (2020): *Loss of the branched-chain amino acid transporter CD98hc alters the development of colonic macrophages in mice*. Communications Biology 3, 130 <https://doi.org/10.5167/uzh-194294>

Yanase, Fumitaka, Raman, Sainath, Na-orungroj, Thummaporn, McCarthy, Avril, Cree, Michele, **Schlapbach, Luregn J**, Bellomo, Rinaldo (2021): *Efficacy and Safety of Parenteral High-Dose Vitamin C Therapy in Pediatric Patients: A Scoping Review*. Pediatric Critical Care Medicine 22 (6), 561-571 <https://www.zora.uzh.ch/id/eprint/211031/>

Yeung, Emily, Bello, A K, Levin, Adeera, Lunney, Meaghan, Osman, Mohamed A, Ye, Feng, et al, **Luyckx, Valerie Ann** (2021): *Current status of health systems financing and oversight for end-stage kidney disease care: a cross-sectional global survey*. BMJ Open 11 (7), e047245 <https://doi.org/10.5167/uzh-208269>

Yoganathan, Priyatharsan, Rossel, Jean-Benoît, Jordi, Sebastian Bruno Ulrich, Franc, Yannick, Biedermann, Luc, Misselwitz, Benjamin, Hausmann, Martin, Rogler, Gerhard, Scharl, Michael, Frey-Wagner, Isabelle, **Swiss IBD Cohort Study Group** (2021): *Genotype-phenotype associations of polymorphisms within the gene locus of NOD-like receptor pyrin domain containing 3 in Swiss inflammatory bowel disease patients*. BMC Gastroenterology 21, 310 <https://doi.org/10.5167/uzh-208749>

Zabulica, Mihaela, Srinivasan, Raghuraman C, Akcakaya, Pinar, Allegri, Gabriella, Bestas, Burcu, Firth, Mike, Hammarstedt, Christina, Jakobsson, Tomas, Jakobsson, Towe, Ellis,

Ewa, Jorns, Carl, **Makris, Georgios, Scherer, Tanja, Rimann, Nicole**, van Zuydam, Natalie R, Gramignoli, Roberto, Forslöw, Anna, Engberg, Susanna, Maresca, Marcello, Rooyackers, Olav, **Thöny, Beat, Häberle, Johannes**, Rosen, Barry, Strom, Stephen C (2021): *Correction of a urea cycle defect after ex vivo gene editing of human hepatocytes*. Molecular Therapy 29 (5), 1903-1917 <https://doi.org/10.5167/uzh-198720>

Žaliová, Markéta, Potuckova, Eliska, Lukes, Julius, Winkowska, Lucie, Starkova, Julia, Janotova, Iveta, Sramkova, Lucie, Sary, Jan, Zuna, Jan, Stanulla, Martin, Zimmermann, Martin, **Bornhauser, Beat, Bourquin, Jean-Pierre**, Eckert, Cornelia, Cario, Gunnar, Trka, Jan (2021): *Frequency and prognostic impact of ZEB2 H1038 and 1072 mutations in childhood B-other acute lymphoblastic leukemia*. Haematologica 106 (3), 886-890 <https://doi.org/10.5167/uzh-198022>

**Zander, Désirée, Grass, Beate, Weiss, Markus, Buehler, P K, Schmitz, Achim** (2021): *Cuffed endotracheal tubes in neonates and infants of less than 3 kg body weight - A retrospective audit*. Paediatric Anaesthesia 31 (5), 604-610 <https://www.zora.uzh.ch/id/eprint/200921/>

Zeimpekis, Konstantinos G, **Geiger, Julia**, Wiesinger, Florian, Delso, Gaspar, **Kellenberger, Christian J** (2021): *Three-dimensional magnetic resonance imaging ultrashort echo-time cones for assessing lung density in pediatric patients*. Pediatric Radiology 51 (1), 57-65 <https://doi.org/10.5167/uzh-189994>

Zhang-James, Yanli, Helminen, Emily C, Liu, Jinru, Franke, Barbara, Hoogman, Martine, Faraone, Stephen V, **ENIGMA-ADHD Working Group**, et al, Brandeis, Daniel, Brem, Silvia, Walitza, Susanne (2021): *Evidence for similar structural brain anomalies in youth and adult attention-deficit/hyperactivity disorder: a machine learning analysis*. Translational Psychiatry 11 (1), 82 <https://doi.org/10.5167/uzh-199103>

Zheng, Tuyu, Ghasemi, David R, Okonechnikov, Konstantin, Korshunov, Andrey, Sill, Martin, Maass, Kendra K, Benites Goncalves da Silva, Patricia, Ryzhova, Marina, Gojo, Johannes, Stichel, Damian, Arabzade, Amir, Kupp, Robert, Benzel, Julia, Taya, Shinichiro, Adachi, Toma, Shiraishi, Ryo, **Gerber, Nicolas U**, Sturm, Dominik, Ecker, Jonas, Sievers, Philipp, Selt, Florian, Chapman, Rebecca, Haberler, Christine, Figarella-Branger, Dominique, Reifenberger, Guido, Fleischhack, Gudrun, Rutkowski, Stefan, Donson, Andrew M, Ramaswamy, Vijay, Capper, David, et

al (2021): *Cross-Species Genomics Reveals Oncogenic Dependencies in ZFTA/C11orf95 Fusion-Positive Supratentorial Ependymomas*. Cancer Discovery 11 (9), 2230-2247 <https://www.zora.uzh.ch/id/eprint/212941/>

Zimmermann, Bettina M, Eichinger, Johanna, **Baumgartner, Matthias R** (2021): *A systematic review of moral reasons on orphan drug reimbursement*. Orphanet Journal of Rare Diseases 16, 292 <https://doi.org/10.5167/uzh-213088>

**Zimoch, Jakub, Zielinska, Dominika, Michalak-Mińska, Katarzyna, Rüttsche, Dominic**, Böni, Roland, **Biedermann, Thomas, Klar, Agnes S** (2021): *Bio-engineering a pre-vascularized human tri-layered skin substitute containing a hypodermis*. Acta Biomaterialia 134, 215-227 <https://doi.org/10.5167/uzh-213623>

## Buchkapitel

**Bergsträsser, Eva**, Wieland, Judith (2021): *Palliative Care bei Kindern*. In: Bally, Klaus; et al (ed.), *Handbuch Palliativmedizin / 4.* Auflage. Bern, Hogrefe Verlag, 425-443  
<https://www.zora.uzh.ch/id/eprint/209796/>

Kebiri, Hamza, Lajous, Helena, Aleman-Gomez, Yasser, Girard, Gabriel, Rodriguez, Erick Canales, Tourbier, Sebastien, Pizzolato, M, Ledoux, Jean-Baptiste, Fornari, Eleonora, **Jakab, András** (2021): *Quantitative Evaluation of Enhanced Multi-plane Clinical Fetal Diffusion MRI with a Crossing-Fiber Phantom*. In: Cetin-Karayumak, Suheyla; Christiaens, Daan; Figini, Matteo; Guevara, Pamela; Gyori, Noemi; Nath, Vishwesh; Pieciak, Tomasz (ed.), *Computational Diffusion MRI. CDMRI: International Workshop on Computational Diffusion MRI*, Springer, 12-22  
<https://www.zora.uzh.ch/id/eprint/207950/>

Kieffer, J, **Grethen, Patrice** (2021): *La luxation congénitale de la hanche à l'âge de la marche: expérience avec les enfants syriens (2021)*. In: Elbaum, Robert (ed.), *L'orthopédie et la traumatologie pédiatrique : Du nouveau-né à l'enfant et l'adolescent*. Frankreich, Sauramps Médical, 491-495  
<https://www.zora.uzh.ch/id/eprint/213777/>

**Ramantani, Georgia, Krayenbühl, N** (2020): *Diskonnektive Verfahren*. In: Schmitt, F C; Stefan, H; Holtkamp, M (ed.), *Epileptische Anfälle und Epilepsien im Erwachsenenalter*. Heidelberg, Springer, 505-510  
<https://www.zora.uzh.ch/id/eprint/213613/>

**Ramantani, Georgia, Tölle, Sandra** (2020): *Epilepsie bei Tuberöser-Sklerose-Komplex*. In: Schmitt, F C; Stefan, H; Holtkamp, M (ed.), *Epileptische Anfälle und Epilepsien im Erwachsenenalter*. Heidelberg, Springer, 115-120  
<https://www.zora.uzh.ch/id/eprint/213611/>

**Steinmann, Beat, Baumgartner, Matthias R** (2021): *«...drei Blutstropfen per Fersenpik» Das Neugeborenen-Screening in der Schweiz (1965 bis 2020) Rückblick und Ausblick*. In: Müller, Hansjakob; Hadorn, Hans-Beat (ed.), *Humangenetik und Anthropologie heute : ein Zeitdokument*. Basel, Schwabe Verlag, 181-225  
<https://www.zora.uzh.ch/id/eprint/211619/>

**Tuura, Ruth O'Gorman** (2021): *Developmental course of numerical learning problems in children and how to prevent dyscalculia: a summary of the longitudinal examination of children from kindergarten to secondary school*. In: Henik,

Avishai; Fias, Wim (ed.), *Heterogenous Contributions to Numerical Cognition, Learning and Education in Mathematical Cognition*. London, Oxford, Boston, New York, San Diego, Academic Press, 229-251  
<https://www.zora.uzh.ch/id/eprint/204620/>

**von Aster, Michael, Kaufmann, Liane, McCaskey, Ursina, Tuura, Ruth O'Gorman** (2021): *Rechenstörungen im Kindes- und Jugendalter*. In: Fegert, J; et al (ed.), *Psychiatrie und Psychotherapie des Kindes- und Jugendalters*. Berlin, Heidelberg, Springer, 1-19  
<https://www.zora.uzh.ch/id/eprint/213663/>

## Monografien

**Jenni, Oskar G** (2021): *Die kindliche Entwicklung verstehen : Praxiswissen über Phasen und Störungen*. Berlin, Springer.  
<https://www.zora.uzh.ch/id/eprint/215294/>

## Herausgeberschaften wissenschaftlicher Werke

**Blau, Nenad, Thöny, Beat**, Burlina, Alberto B, Burton, Barbara K, Cannel, Claire, Harding, Gary O, Levy, Harvey L, Lichter-Konecki, Uta, Longo, Nicola, MacDonald, Anita, Martinez, Aurora, Trefz, Friedrich K, van Spronsen, Francjan J, Vockley, Jerry, van Wegberg, Annemiek Mj (ed.) (2021): *Phenylketonuria and BH4 Deficiencies / 4th ed.* Bremen, London, Boston, Uni-Med Verlag AG  
<https://www.zora.uzh.ch/id/eprint/214639/>

**von Aster, Michael, Kaufmann, Liane, Corvacho del Toro, Irene, Fischer, Ursula, Kucian, Karin, Lipka, Marlies, Lorenz, Jens Holger, Löffler, Cordula, Nolte, Marianne, Schulte-Körne, Gerd** (ed.) (2020): *Lernen und Lernstörungen*. Bern, Hogrefe  
<https://www.zora.uzh.ch/id/eprint/89296/>

## Dissertationen

**Alonso, Elena** (2021): *Cuffed versus uncuffed tracheal tubes in a rabbit training model for establishing an emergency Front of Neck Airway in children: A prospective trial*  
Referent/in: **Both, Christian Peter; Baumgartner, Matthias**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/213801/>

**Benischke, Katharina Anna Maria** (2021): *Genetic screens allow to identify new therapy options for fusion-positive rhabdomyosarcoma*  
Referent/in: **Schaefer, Beat Werner; Müller, Anne; Buch, Thorsten; Baudis, Michael**  
University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-213420>

**Capdeville, Charles** (2021): *Identification and functional characterization of the kinase-controlled plasma membrane-associated proteome in medulloblastoma*  
Referent/in: **Baumgartner, Martin; Greber, Urs; Hajnal, Alex; Pertz, Olivier**  
University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-213411>

**Disselhoff, Vera** (2021): *Long-term effects of very preterm birth on neurodevelopmental outcome and brain organization at school-age*  
Referent/in: **Latal Hajnal, Beatrix; Haggmann, Cornelia; Walitza, Susanne; Bassler, Dirk; Nosarti, Chiara**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/214427/>

**Hapuoja, Laura** (2021): *Somatic growth in children with congenital heart disease at 10 years of age: Risk factors and longitudinal growth*  
Referent/in: **Latal, Beatrice**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216014/>

**Hepp, Zehra S** (2021): *Early childhood neurodevelopmental outcome after open prenatal spina bifida aperta repair*  
Referent/in: **Latal, Beatrice; Padden, Beth A**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216010/>

**Hottinger, Selma J** (2021): *Postoperative improvement of brain maturation in infants with congenital heart disease*  
Referent/in: **Latal, Beatrice**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216007/>

**Hug, Mirjam** (2021): *Brain volumes and neurological developmental outcome at the corrected age of two years in premature infants:*

*an observational study*  
Referent/in: **Haggmann, Cornelia**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216130/>

**Krugliakova, Elena** (2021): *Effects of phase-targeted auditory stimulation during sleep on spatio-temporal characteristics of slow-wave activity*  
Referent/in: **Huber, Reto; Jenni, Oskar G; Landolt, Hans-Peter**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/214431/>

**Lauber, Matthias** (2021): *Clinical and structural insights into potential dominant negative triggers of proximal urea cycle disorders*  
Referent/in: **Häberle, Johannes**  
University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-213791>

**Laubscher, Dominik** (2021): *Exploring epigenetic mechanisms of tumor maintenance in fusion-positive pediatric rhabdomyosarcoma*  
Referent/in: **Schaefer, Beat Werner; Pruschy, Martin; Santoro, Raffaella; Wollscheid, Bernd**  
University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-213425>

**Marfurt, Severin** (2021): *Omics Profiling of S2P Mutant Fibroblasts as a Mean to Unravel the Pathomechanism and Molecular Signatures of X-Linked MBTPS2 Osteogenesis Imperfecta*  
Referent/in: **Rohrbach, Marianne; Baumgartner, Matthias**  
University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-213797>

**Michalak-Mińska, Katarzyna** (2020): *Tiefencharakterisierung von Melanozyten und mesenchymalen Zellen: Abstimmung der menschlichen Haut und bio-engineered dermo-epidermale Hautersatzstoffe*  
Referent/in: **Thöny, Beat; Brunner, Damian; Scherberich, Arnaud; Reichmann, Ernst**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/200744/>

**Migliavacca, Jessica** (2021): *Identification and functional characterization of pro-oncogenic regulators and effectors of the Ser/Thr kinase MAP4K4 in medulloblastoma*  
Referent/in: **Baumgartner, Martin; Bourquin, Jean-Pierre; Weller, Michael; Liberali, Prisca**  
University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-213353>

**Naef, Nadja** (2021): *Brain volumes and cognition in young adults with congenital heart disease*  
Referent/in: **Latal, Beatrice; Tuura, Ruth**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216515/>

**Odermatt, Timothy S** (2021): *The Role of Sphingosine-1-Phosphate Receptor 2 (S1PR2) in the Development of Obesity-Associated Insulin Resistance*  
Referent/in: **Konrad, Daniel**  
University of Zurich, Faculty of Science  
<https://www.zora.uzh.ch/id/eprint/215717/>

**Payette, Kelly** (2021): *Methodological Development and Advanced Neuroimaging Analysis of Fetal Magnetic Resonance Imaging*  
Referent/in: **Kozerke, Sebastian; Latal, Beatrice; Jakab, Andrés; Huber, Reto; Counsell, Serena**  
University of Zurich, Faculty of Science  
<https://www.zora.uzh.ch/id/eprint/205786/>

**Salvini, Romana** (2021): *Iatrogenic events contributing to paediatric intensive care unit Admission*  
Referent/in: **Frey, Bernhard**  
University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-216131>

**Scheidegger, Simone** (2021): *Association of perinatal risk factors with neurological outcome in neonates with hypoxic ischemic encephalopathy*  
Referent/in: **Brotschi, Barbara**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216129/>

**Serra, Sabina** (2021): *Preoperative neurodevelopment of children with moyamoya angiopathy*  
Referent/in: **Latal, Beatrice**  
University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216006/>

**Sousouri, Georgia** (2021): *Sleep Electroencephalographic Spatiotemporal Dynamics: Modulation via Phase-Locked Auditory Stimulation and Clinical Application*  
Referent/in: **Walter, Karlen; Huber, Reto; Van De Ville, Dimitri**  
ETH Zürich, not UZH  
<https://doi.org/10.5167/uzh-214416>

**Stadler, Laura Maria** (2021): *Heart rate variability, stress markers and brain volumes in healthy children, adolescents and adults*  
Referent/in: **Tuura, Ruth O'Gorman; Latal,**

## Beatrice

University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-188876>

**Stampfli, Martha** (2021): *Inverse associations between food diversity in the second year of life and allergic diseases*

Referent/in: **Pachlopnik Schmid, Jana**  
 University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-216002>

**Storz, Sarah** (2021): *Sleep-dependent memory consolidation in children with self-limited focal epilepsies*

Referent/in: **Huber, Reto; Bölsterli, Bigna K**  
 University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/216015/>

**Storz, Sarah** (2021): *Sleep-dependent memory consolidation in children with self-limited focal epilepsies*

Referent/in: **Bölsterli, Bigna K; Huber, Reto**  
 University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-214424>

**Werninger, Isabelle** (2021): *Social and Behavioral Difficulties in 10-Year-Old Children With Congenital Heart Disease: Prevalence and Risk Factors*

Referent/in: **Latal, Beatrice**  
 University of Zurich, Faculty of Medicine  
<https://doi.org/10.5167/uzh-216012>

**Zander, Désirée** (2021): *Cuffed endotracheal tubes in neonates and infants of less than 3 kg body weight - A retrospective Audit*

Referent/in: **Schmitz, Achim; Baumgartner, Matthias R**  
 University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/213800/>

## Habilitationen

**Dave, Mital Hitendu** (2021): *Tracheal tubes in children - To cuff or not to cuff?*

University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/215721/>

**Grass, Beate** (2021): *Das Schweizer Asphyxie-Register: Quo vadis?*

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<https://www.zora.uzh.ch/id/eprint/215589/>

**Labruyère, Rob** (2021): *Der modifizierte Agility Run Test - ein sensitives Instrument zur Erfassung von Restdefiziten?*

University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/215586/>

**Mazzone, Luca** (2021): *Komplikationen nach intrauterinem Verschluss von Myelomeningocelen*

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<https://www.zora.uzh.ch/id/eprint/215723/>

**Meyer Sauter, Patrick M** (2021): *Akute mukokutane Reaktionsformen auf Infektionen*

University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/215585/>

**Tharakan, Sasha J** (2021): *Die Rolle der Laparoskopie bei Abdominaltrauma bei Kindern*

University of Zurich, Faculty of Medicine  
<https://www.zora.uzh.ch/id/eprint/215719/>

## Masterarbeiten

**An, Jiahui** (2021): *Neural correlates of cognitive impairments in pediatric focal epilepsy*

Referent/in: **Tuura, Ruth**  
 University of Zurich, Faculty of Medicine

**Balsiger, Fiona** (2021): *Der sonderpädagogische Förderbedarf von Kindern, die sehr oder extrem früh geboren wurden, im Vergleich zu termingeborenen Kindern*

Referent/in: **Hagmann, Cornelia**  
 University of Zurich, Faculty of Medicine

**Baruriedl, Layla Maren** (2021): *Targeted Busulfan for Hematopoietic Stem Cell Transplantation in children with Myeloid Malignancies - A retrospective single center study*

Referent/in: **Güngör, Tayfun**  
 University of Zurich, Faculty of Medicine

**Beyeler, Roger** (2021): *Characterization of changes in cross-frequency coupling of delta and sigma band brain activity during sleep upon closed-loop auditory stimulation*

Referent/in: **Huber, Reto**  
 ETHZ

**Bianchi, Eleonora** (2021): *Vorbereitung einer ethikkonformen Datenbank von Elektroenzephalogramm-Einträgen aus der Datensammlung des Universitätskinderspitals Zürich*

Referent/in: **Huber, Reto**  
 University of Zurich, Faculty of Medicine

**Bingisser, Anna** (2021): *Biochemical and phenotypic characterization of a historical cohort of methylmalonic aciduria patients*

Referent/in: **Forny, Patrick; Froese, Sean**  
 University of Zurich, Faculty of Medicine

**Burri, Marcel** (2021): *Multi-Class Medical Image Segmentation with Noisy Labels*

Referent/in: **Kelly, Payette**  
 University of Zurich, Faculty of Science

**Brüngger, Lisa** (2021): *Network Analysis of Posttraumatic Stress Symptoms in Caregivers of Children and Adolescents Newly Diagnosed with Cancer/Carigiet Flavia: Neonataler Vitamin B12 Mangel und dessen Auswirkung auf die kognitive und motorische Entwicklung einjähriger Kinder - Eine Pilotstudie*

Referent/in: **Landolt, Markus**  
 University of Zurich, Faculty of Philosophie

**Carigiet, Flavia** (2021): *Neonataler Vitamin B12 Mangel und dessen Auswirkungen auf die kognitive und motorische Entwicklung einjähriger Kinder - Eine Pilotstudie*

Referent/in: **Huemer, Martina; Landolt, Markus**  
University of Zurich, Faculty of Philosophie

**Ciernik, Amélie** (2021): *Hippocampal volume reduction is associated with cognitive and working memory impairments in school-aged children with congenital heart disease*  
Referent/in: **Latal Hajnal, Beatrix**  
University of Zurich, Faculty of Medicine

**Coka, Larissa** (2021): *Effect of a Game-Based Training of Selective Control on Strength and Motor Control in Children and Adolescents with an Upper Motor Neuron Lesion - A Single-Subject Design*  
Referent/in: **Meyer, Andreas**  
ETH Zürich

**Cott, Rachel** (2021): *Unterschiede in der Verteilung der General Movements-Klassifikation zwischen neonatalen Risikogruppen im Kinderspital Zürich: Eine Beobachtungsstudie*  
Referent/in: **Latal Hajnal, Beatrix**  
ZHAW

**Da Silva Teixo, Laura** (2021): *Meilensteine der sozialen Entwicklung in den ersten Lebensjahren - Medienarbeit*  
Referent/in: **Holtz, Sepp; Jenni, Oskar Gian**  
University of Zurich, Faculty of Medicine

**Dado, Mariam** (2021): *Migrationshintergrund bei Kindern mit Autismus-Spektrum-Störung: Eine deskriptive statistische Analyse*  
Referent/in: Schaefer, Christina; **Benz, Caroline**  
University of Zurich, Faculty of Medicine

**Dittli, Laura** (2021): *Kindesmisshandlung und Intimität im Erwachsenenalter: Induzierung von emotionalem und physischem Intimitätserleben anhand eines experimentellen Paradigmas*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophie

**Droux, Caroline** (2021): *Impact of motor skills on different measurements of processing speed in children with congenital heart disease*  
Referent/in: **Wehrle, Flavia; Latal Hajnal, Beatrix**  
University of Zurich, Faculty of Medicine

**Egger, Lea** (2021): *Testing the tactile function of the foot sole: feasibility, reliability, and relation to motor function in children with upper motor neuron lesions*  
Referent/in: **Meyer, Andreas**  
ZHAW

**Farruggia, David** (2021): *Zusammenhang elterlichen Erziehungsverhaltens mit Adhärenz und metabolischer Kontrolle bei Kindern und*

*Jugendlichen mit Typ 1 Diabetes*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophie

**Frei, Caroline** (2021): *Multi-omics analysis and targeted validation to uncover pathomechanisms of methylmalonic aciduria*  
Referent/in: **Froese, Sean**  
University of Zurich, Faculty of Science

**Gerds, Eike Christian** (2021): *Fallstudie einer Patientin mit einer Androgenrezeptor-Variante und ihrer Familie über vier Generationen*  
Referent/in: **Lang-Muritano, Mariarosaria; Konrad, Daniel**  
University of Zurich, Faculty of Medicine

**Grüebler, Etienne** (2021): *Regionale Verteilung von Angebot und Nachfrage Sonderpädagogischer Massnahmen im Kanton Zürich*  
Referent/in: **von Rhein, Michael**  
University of Zurich, Faculty of Medicine

**Herren, Silvia** (2021): *D130Between-day reliability of motor performance measures recorded by wearable inertial sensors in children and adolescents with neuromotor impairments*  
Referent/in: **Meyer, Andreas**  
ETH Zürich

**Hilber, Jeanine** (2021): *The recovery process after a traumatic brain injury in children and adolescents - Based on an online study*  
Referent/in: **Huber, Reto**  
University of Zurich, Faculty of Science

**Hinselmann, Rosa** (2021): *New mechanistic insights into the pathogenesis of immune thrombocytopenia: Role of the autophagy pathway*  
Referent/in: **Franzoso, Francesca; Schmutz, Markus**  
University of Zurich, Faculty of Medicine

**Hug, Anna** (2021): *Alltagsverhalten und Schlaf nach einer Gehirnerschütterung bei Kindern und Jugendlichen*  
Referent/in: **Huber, Reto; Landolt, Markus**  
University of Zurich, Faculty of Philosophie

**Karzig, Nicolas** (2021): *Development and Pilot an fMRI Paradigm to Assess Negative Emotional Effects in 2nd Graders with Developmental Dyscalculia*  
Referent/in: **Kucian, Karin**  
University of Zurich, Faculty of Science

**Kast, Brigitte** (2021): *The effect of anaesthetic drugs on the inducibility of atrioventricular nodal reentrant tachycardia and ectopic atrial tachycardia in paediatric patients during elec-*

*trophysiological studies*  
Referent/in: **Balmer, Christian**  
University of Zurich, Faculty of Medicine

**Keller, Fabia** (2021): *Posttraumatische Belastungsstörungen bei jungen Kindern erkennen - Überprüfung der Eignung der PTBS-Subskala der Child Behavior Checklist als Screening-Instrument*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophie

**Kiefer, Sophia** (2021): *Quantitativer Vergleich zur Wirksamkeit der Heilpädagogischen Frühziehung im Kanton Zürich.*  
Referent/in: **von Rhein, Michael**  
PH FHNW

**Lazzeri, Nicola** (2021): *Verhalten und assoziierte Risikofaktoren bei Kindern mit angeborenem Herzfehler im Alter von 10 Jahren*  
Referent/in: **Ehrler, Melanie; Latal Hajnal, Beatrix**  
University of Zurich, Faculty of Medicine

**Leucci, Sarah** (2021): *Multimodale Emotionserkennung im Erwachsenenalter: Einfluss von Misshandlungserfahrungen im Kindes- und Jugendalter*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophie

**Lieber, Jan** (2021): *Ein computer-unterstütztes System als Erfassungsinstrument für die selektive motorische Kontrolle bei Kinder mit Hirnverletzungen (Arbeitstitel).*  
Referent/in: **Van Hedel, Hubertus**  
Donau-Universität Krems, Österreich

**Marcionelli, Giulio** (2021): *Induced pluripotent stem cell derived neuronal models to reveal disease pathophysiology in methylmalonic aciduria*  
Referent/in: **Baumgartner, Matthias**  
University of Zurich, Faculty of Science

**Mauthe, Tina** (2021): *Auswertung des Elternbild-Fragebogens für Kinder und Jugendliche im Rahmen der EpoKids Studie und Vergleich der Eltern-Kind-Beziehungsqualität von termingeborenen oder frühgeborenen Kindern*  
Referent/in: **Wehrle, Flavia; Haggmann, Cornelia**  
University of Zurich, Faculty of Medicine

**Meier, Elias** (2021): *Sleep deprivation and its effect on task-evoked pupil dilations, pupil diameter, and pupillary fluctuations*  
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University of Zurich, Faculty of Science

**Müller, Vera** (2021): *Donor origin influences the outcome of unrelated donor haematopoietic stem cell transplantation in paediatrics*  
Referent/in: Zeilhofer, Ulrike; **Güngör, Tayfun**  
University of Zurich, Faculty of Medicine

**Rajah, Mithuna** (2021): *Clinical outcome in pediatric moyamoya angiopathy after multiple cerebral revascularizations*  
Referent/in: **Khan, Nadja**  
University of Zurich, Faculty of Medicine

**Rebmann, Deborah Mirjam** (2021): *Die motorische Entwicklung in den ersten Lebensjahren: Ein Lehrfilm für die Ausbildung von Medizinstudierenden. Medienarbeit*  
Referent/in: **Holtz, Sepp; Jenni, Oskar Gian**  
University of Zurich, Faculty of Medicine

**Rhiel, Sophia** (2021): *Walking-related everyday life tasks of children with gait disorders: a non-inferiority study comparing a virtual reality setup with a physical setup.*  
Referent/in: **Meyer, Andreas**  
ETH Zurich

**Rieger, Noa** (2021): *Die Auswirkungen des pandemiebedingten Homeschoolings auf das Schlafverhalten und Gesundheitsaspekte von Jugendlichen in der Schweiz während COVID-19*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Ruther, Noëmi** (2021): *Eine Längsschnittstudie zum Befinden und Verhalten von jungen Kindern während der COVID-19 Pandemie*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Ruzzo Cosima** (2021): *Analyzing components of a 4D flow framework for fetal cardiac MRI*  
Referent/in: **Payette, Kelly; Kozerke, Sebastian**  
ETH Zürich

**Sarbach Micheline** (2021): *(Un)Targeted Metabolomics as a Diagnostic Screening Tool for Inborn Errors of Metabolism*  
Referent/in: **Poms, Martin; Hersberger, Martin**  
ETH Zürich

**Schenkel, Sebastian** (2021): *Einfluss von Vernachlässigung und Missbrauch im Kindes- und Jugendalter*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Signer, Noemi** (2021): *Stress als Risikofaktor für eine ungünstige metabolische Kontrolle bei Kindern und Jugendlichen mit Typ 1 Diabetes*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Simmen, Sila** (2021): *Psychologische Auswirkungen der COVID-19 Pandemie auf Kinder im Vorschulalter*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Steinmann, Mathias** (2021): *Antibiotic versus surgical treatment of uncomplicated acute appendicitis in children – a systematic review and meta-analysis of randomised and nonrandomised trials*  
Referent/in: **Möhrlen, Ueli**  
University of Zurich, Faculty of Medicine

**Stöckli, Jasmin** (2021): *Neurodevelopmental Outcomes Among Children Born at Term: Brain Volume and Executive Functions by Week of Gestation*  
Referent/in: Lutz, Jäncke  
University of Zurich, Faculty of Philosophy

Tervoort, Daniel (2021): *Evaluation of Stroke Patterns in Pediatric Moyamoya Angiopathy*  
Referent/in: **Khan, Nadia**  
University of Zurich, Faculty of Medicine

**Vogel, Meret** (2021): *Robot-assisted treadmill walking: the influence of guided pelvis movement by the FreeD module of the Lokomat on trunk kinematics in children with neurologic gait impairments*  
Referent/in: **Meyer, Andreas**  
ETH Zurich

**Vogt, Alexandra** (2021): *Der Verlauf psychischer Symptome bei Müttern und Vätern von Kindern mit neu diagnostiziertem Krebs: eine prospektive einjährige Studie*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Von Salis, Sara Angelina** (2021): *Long-term Outcome of Facial Skin Lacerations in Pediatric Patients: Tissue Adhesive versus Suture A. Nonrandomized Controlled Prospective Single-center Study*  
Referent/in: **Fontana, Sonja; Elrod, Julia; Schiestl, Clemens**

**Waser, Samuel** (2021): *Developmental Dream Research in Children and Adolescents: A mini Meta-Analysis on Methodology*  
Referent/in: **Huber, Reto**  
University of Zurich, Faculty of Medicine

**Wettach, Corina** (2021): *Health-related quality of life of children with complex congenital heart disease and their mothers: A prospective cohort study*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Wildmann, Melinda** (2021): *Emotional response to neutral facial expressions: Do the severity of experienced child mal-treatment and the degree of negativity bias for neutral facial expressions influence electrodermal reactivity and implicit affectivity in adulthood?*  
Referent/in: **Landolt, Markus**  
University of Zurich, Faculty of Philosophy

**Zedler, Nadine** (2021): *Functional Independence Measure for Children (WeeFIM) und Cumulative Illness Rating Scale (CIRS): Korrelationen bei Kindern und Jugendlichen mit Zerebralparese im stationären rehabilitativen Setting*  
Referent/in: **Van Hedel, Hubertus; Meyer, Andreas**  
University of Zurich, Faculty of Medicine

## Herausragende Publikation (IF>10)

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**Jaramillo, Valeria**, Jendoubi, Jasmine, Maric, Angelina, Mensen, Armand, **Heyse, Natalie C**, Eberhard-Moscicka, Aleksandra K, Wiest, Roland, Bassetti, Claudio L A, **Huber, Reto** (2021): *Thalamic influence on slow wave slope renormalization during sleep*. *Annals of Neurology* 90 (5), 821-833  
<https://doi.org/10.5167/uzh-206553>

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