



# Wissenschaftliche Publikationen

## Publikationsliste 2013 der Medizinischen und Chirurgischen Kliniken, der Abteilungen für Klinische Chemie und Biochemie, Intensivmedizin und Neo- natologie, Anästhesie und Bild Diagnostik am Kinderspital Zürich.

### Originalarbeiten (referiert)

Abbas C, **Singer F**, Yammine S, Casaulta C, Latzin P. *Treatment response of airway clearance assessed by single-breath washout in children with cystic fibrosis.* J Cyst Fibros 12:567-574, 2013.

**Abela L**, Rushing EJ, Ares C, **Scheer I**, Bozinov O, **Boltshauser E**, **Grotzer MA**. *Pediatric papillary tumors of the pineal region: to observe or to treat following gross total resection?* Childs Nerv Syst 29:307-310, 2013.

**Abela L**, **Toelle SP**, **Hackenberg A**, **Scheer I**, **Güngör T**, **Plecko B**. *Fatal outcome of rhino-orbital-cerebral mucormycosis due to bilateral internal carotid occlusion in a child after hematopoietic stem cell transplantation.* Pediatr Infect Dis 32:1149-1150, 2013.

Achrol AS, **Khan N**, Steinberg GK. *In reply. The genetics of moyamoya disease: recent insights into the pathogenesis of the disease.* Neurosurg 72:E321-E322, 2013.

Afroze B, Yunus Z, **Steinmann B**, Santer R. *Transient pseudo-hypertriglyceridemia: a useful biochemical marker of fructose-1,6-bisphos-*

*phatase deficiency.* Eur J Pediatr 172:1249-1253, 2013.

Ah Mew N, Krivitzky L, McCarter R, Batshaw M, Tuchman M (incl. **Baumgartner MR**, **Stricker T**), Urea Cycle Disorders Consortium of the Rare Diseases Clinical Research Network. *Clinical outcomes of neonatal onset proximal versus distal urea cycle disorders do not differ.* J Pediatr 162:324-329, 2013.

**Albisetti M**, **Kellenberger CJ**, **Bergsträsser E**, **Niggli F**, **Kroiss S**, Rizzi M, **Schmugge M**. *Port-a-cath-related thrombosis and postthrombotic syndrome in pediatric oncology patients.* J Pediatr 163:1340-1346, 2013.

Anjema K, van Rijn M, Hofstede FC, Bosch AM, Hollak CE, Rubio-Gozalbo E, de Vries MC, Janssen MC, Boelen CC, Burgerhof JG, **Blau N**, Heiner-Fokkema MR, van Spronsen FJ. *Tetrahydrobiopterin responsiveness in phenylketonuria: prediction with the 48-hour loading test and genotype.* Orphanet J Rare Dis 8:103, 2013.

Arslanoglu S, Corpeleijn W, Moro G, **Braegger C**, Campoy C, Colomb V, Decsi T, Domellöf M, Fewtrell M, Hojsak I, Mihatsch W, Mølgaard C, Shamir R, Turck D, van Goudoever; J. ES-

PGHAN Committee on Nutrition. *Donor human milk for preterm infants: current evidence and research directions.* J Pediatr Gastroenterol Nutr 57:535-542, 2013.

Asadollahi R, Oneda B, Sheth F, **Azzarello-Burri S**, Baldinger R, Joset P, **Latal B**, **Knirsch W**, Desai S, Baumer A, Houge G, Andrieux J, Rauch A. *Dosage changes of MED13L further delineate its role in congenital heart defects and intellectual disability.* Eur J Hum Genet 21:1100-1104, 2013.

Attarbaschi A, Beishuizen A, Mann G, Rosolen A, Mori T, Uytendaele A, **Niggli F**, Csoka M, Krenova Z, Mellgren K, Kabickova E, Chiang AK, Reiter A, Williams D, Burkhardt B; European Intergroup for Childhood Non-Hodgkin Lymphoma (EICNHL) and the international Berlin-Frankfurt-Münster (i-BFM) Study Group. *Children and adolescents with follicular lymphoma have an excellent prognosis with either limited chemotherapy or with a «watch and wait» strategy after complete resection.* Ann Hematol 92:1537-1541, 2013.

**Attenhofer Jost CH**, Brunckhorst C, Kaufmann U, **Valsangiacomo Buechel ER**. *Women in cardiology – from utopia to reality.* Cardiovasc Med 16:170-178, 2013.

**Aurich Schuler T, Müller R, van Hedel HJ.** *Leg surface electromyography patterns in children with neuro-orthopedic disorders walking on a treadmill unassisted and assisted by a robot with and without encouragement.* J Neuroeng Rehabil 10:78, 2013.

Bach S, Richardson U, Brandeis D, **Martin E, Brem S.** *Print-specific multimodal brain activation in kindergarten improves prediction of reading skills in second grade.* Neuroimage 82:605-615, 2013.

Balasubramanian M, Parker MJ, Dalton A, **Giunta C, Lindert U, Peres LC, Wagner BE, Arundel P, Offiah A, Bishop NJ.** *Genotype-phenotype study in type V osteogenesis imperfecta.* Clin Dysmorphol 22:93-101, 2013.

**Balzer J, Schellendorfer S, Bauer C, van der Linden ML.** *Effects of simulated crouch gait on foot kinematics and kinetics in healthy children.* Gait Posture 38:619-624, 2013.

**Barysch MJ, Weibel L, Neuhaus K, Subotic U, Schärer L, Donghi D, Hafner J, Braun R, Lächli S, Dummer R, Schiestl C.** *Dermatofibrosarcoma protuberans in childhood treated with slow Mohs micrographic surgery.* Pediatr Dermatol 30:462-468, 2013.

**Bergstraesser E.** *Pediatric palliative care when quality of life becomes the main focus of treatment.* Eur J Pediatr 172:139-150, 2013.

**Bergstraesser E, Hain RD, Pereira JL.** *The development of an instrument that can identify children with palliative care needs: the Paediatric Palliative Screening Scale (PaPaS Scale): a qualitative study approach.* BMC Palliat Care 12:20, 2013.

**Bergstraesser E, Inglin S, Abbruzzese R, Marfurt-Russenberger K, Hošek M, Hornung R.** *The needs of professionals in the palliative care of children and adolescents.* Eur J Pediatr 172:111-118, 2013.

**Bernasconi M, Ueda S, Krukowski P, Bornhauser BC, Ladell K, Dorner M, Sigrist JA, Campidelli C, Aslandogmus R, Alessi D, Berger C, Pileri SA, Speck RF, Nadal D.** *Early gene expression changes by Epstein-Barr virus infection of B-cells indicate CDKs and survivin as therapeutic targets for post-transplant lymphoproliferative diseases.* Int J Cancer 133:2341-2350, 2013.

Biason-Lauber A, Böni-Schnetzler M, Hubbard BP, Bouzakri K, Brunner A, Cavelti-Weder C, Keller C, Meyer-Böni M, Meier DT, Brorsson C, Timper K, Leibowitz G, Patrignani A, Bruggmann R, Boily G, Zulewski H, Geier A, Cermak JM, Elliott P, Ellis JL, Westphal C, Knobel U, Eloranta JJ, Kerr-Conte J, Pattou F, **Konrad D, Matter CM, Fontana A, Rogler G, Schlapbach R, Regairaz C, Carballido JM,**

Glaser B, McBurney MW, Pociot F, Sinclair DA, Donath MY. *Identification of a SIRT1 mutation in a family with type 1 diabetes.* Cell Metab 17:448-455, 2013.

**Biedermann T, Böttcher-Haberzeth S, Klar AS, Pontiggia L, Schiestl C, Meuli-Simmen C, Reichmann E, Meuli M.** *Rebuild, restore, reinnervate: do human tissue engineered dermo-epidermal skin analogs attract host nerve fibers for innervation?* Pediatr Surg Int 29:239-247, 2013.

**Bielicki JA, Achermann R, Berger C.** *In touch but not up-to-date: Ambulatory visits and vaccination status in a cohort of young Swiss children.* Vaccine 2013; 31:5375-5380.

Binz P, **Bodmer N, Leibundgut K, Teuffel O, Niggli FK, Ammann RA.** *Different fever definitions and the rate of fever and neutropenia diagnosed in children with cancer: A retrospective two-center cohort study.* Pediatr Blood Cancer 60:799-805, 2013.

Bonafé L, **Giunta C, Hasler CC, Janner M, Kränzlin M, Link B, Meier C, Ramseier LE, Unger S.** *Osteogenesis imperfecta: Klinik, Diagnose und Management vom Kindes- bis ins Erwachsenenalter.* Schweiz Med Forum 13:925-931, 2013.

Bonn BR, Rohde M, Zimmermann M, Krieger D, Oschlies I, **Niggli F, Wrobel G, Attarbaschi A, Escherich G, Klapper W, Reiter A, Burkhardt B.** *Incidence and prognostic relevance of genetic variations in T-cell lymphoblastic lymphoma in childhood and adolescence.* Blood 121:3153-3160, 2013.

**Böttcher-Haberzeth S, Biedermann T, Pontiggia L, Braziliulis E, Schiestl C, Hendriks B, Eichhoff OM, Widmer DS, Meuli-Simmen C, Meuli M, Reichmann E.** *Human eccrine sweat gland cells turn into melanin-uptaking keratinocytes in dermo-epidermal skin substitutes.* J Invest Dermatol 133:316-224, 2013.

**Böttcher-Haberzeth S, Klar AS, Biedermann T, Schiestl C, Meuli-Simmen C, Reichmann E, Meuli M.** *«Trooping the color»: restoring the original donor skin color by addition of melanocytes to bioengineered skin analogs.* Pediatr Surg Int 29:239-247, 2013.

**Braegger C, Campoy C, Colomb V, Decsi T, Domellof M, Fewtrell M, Hojsak I, Mihatsch W, Molgaard C, Shamir R, Turck D, van Goudoever J; ESPGHAN Committee on Nutrition.** *Vitamin D in the healthy European paediatric population.* J Pediatr Gastroenterol Nutr 56:692-701, 2013.

Braunlin E, Rosenfeld H, Kampmann C, Johnson J, Beck M, Giugliani R, Guffon N, Ketteridge D, Sá Miranda CM, Scarpa M, Schwartz IV, Leão Teles E, Wraith JE, Bar-

rios P, Dias da Silva E, Kurio G, Richardson M, Gildengorin G, Hopwood JJ, Imperiale M, Schatz A, Decker C, Harmatz P (**incl. Plecko B**); MPS VI Study Group. *Enzyme replacement therapy for mucopolysaccharidosis VI: long-term cardiac effects of galsulfase (Naglazyme®) therapy.* J Inher Metab Dis 36:385-394, 2013.

Brendel C, Hänseler W, Wohlgensinger V, Bianchi M, Tokmak S, Chen-Wichmann L, Kuzmenko E, Cesarovic N, Nicholls F, **Reichenbach J, Seger R, Grez M, Siler U.** *Human miR223 promoter as a novel myelo-specific promoter for chronic granulomatous disease gene therapy.* Hum Gene Ther Methods 24:151-159, 2013.

Burke G, Hiscock A, **Klein A, Niks EH, Main M, Manzur AY, Ng J, de Vile C, Muntoni F, Beeson D, Robb S.** *Salbutamol benefits children with congenital myasthenic syndrome due to DOK7 mutations.* Neuromuscul Disord 23:170-175, 2013.

Burkhardt JK, Neidert MC, **Grotzer MA, Krayenbühl N, Bozinov O.** *Surgical resection of pediatric skull base meningiomas.* Childs Nerv Syst 29:83-87, 2013.

Burkitt Wright EM, Porter LF, Spencer HL, Clayton-Smith J, Au L, Munier FL, Smithson S, Suri M, **Rohrbach M, Manson FD, Black GC.** *Brittle cornea syndrome: recognition, molecular diagnosis and management.* Orphanet J Rare Dis 8:68, 2013.

Cameron FJ, de Beaufort C, Aanstoot HJ, Hoey H, Lange K, Castano L, Mortensen HB (**incl. Schoente EJ**); Hvidoere International Study Group. *Lessons from the Hvidoere International Study Group on childhood diabetes: be dogmatic about outcome and flexible in approach.* Pediatr Diabetes 14:473-480, 2013.

**Cleary M, Trefz F, Muntau AC, Feillet F, van Spronsen FJ, Burlina A, Bélanger-Quintana A, Gizewska M, Gasteyger C, Bettiol E, Blau N, MacDonald A.** *Fluctuations in phenylalanine concentrations in phenylketonuria: a review of possible relationships with outcomes.* Mol Genet Metab 110:418-413, 2013.

Cohn GM, Morin I, Whiteman DA (**incl. Plecko B**); Hunter Outcome Survey Investigators. *Development of a mnemonic screening tool for identifying subjects with Hunter syndrome.* Eur J Pediatr 172:965-970, 2013.

Corti R, Biaggi P, Gaemperli O, Bühler I, Felix C, Bettex D, **Kretschmar O, Falk V, Grünenfelder J.** *Integrated x-ray and echocardiography imaging for structural heart interventions.* Eurointervention 9:863-869, 2013.

Creutzig U, Zimmermann M, **Bourquin JP, Dworzak MN, Fleischhack G, Graf N, Klingebiel T, Kremens B, Lehrnbecher T, von**

Neuhoff C, Ritter J, Sander A, Schrauder A, von Stackelberg A, Starý J, Reinhardt D. *Randomized trial comparing liposomal daunorubicin with idarubicin as induction for pediatric acute myeloid leukemia: results from Study AML-BFM 2004*. Blood 122:37-43, 2013.

Daetwyler K, **Brotschi B**, Berger TM, Wagner BP. *Feasibility and safety of passive cooling in a cohort of asphyxiated newborn infants*. Swiss Med Wkly 143:13767, 2013.

Dale MT, Solberg O, Holmstrøm H, **Landolt MA**, Eskedal LT, Vollrath ME. *Relationship satisfaction among mothers of children with congenital heart defects: a prospective case-cohort study*. J Pediatr Psychol 38:915-926, 2013.

**Dave H, Kretschmar O**, Prêtre R. *Surgical recycling of a percutaneously implanted Melody valve*. Eur Heart J 34:21, 2013.

**Dave MH, Spielmann N, Mauch J, Weiss M**. *Effect of Lanz pressure regulating valve on self-sealing mechanism and air leakage across the tracheal tube cuffs in a benchtop model*. 28:247-251, 2013.

de Beaufort CE, Lange K, Swift PG, Aman J, Cameron F, Castano L, Dorchy H, Fisher LK, Hoey H, Kaprio E, Kocova M, Neu A, Njolstad PR, Phillip M, **Schoenle E**, Robert JJ, Urukami T, Vanelli M, Danne T, Barrett T, Chiarelli F, Aanstoot HJ, Mortensen HB; on behalf of the Hvidoere Study Group. *Metabolic outcomes in young children with type 1 diabetes differ between treatment centers: the Hvidoere Study in Young Children 2009*. Pediatr Diabetes 14:422-428, 2013.

Del Rizzo M, Burlina AP, **Sass JO**, Beermann F, Zanco C, Cazzorla C, Bordugo A, Giordano L, Manara R, Burlina AB. *Metabolic stroke in a late-onset form of isolated sulfite oxidase deficiency*. Mol Genet Metabol 108:263-266, 2013.

Depner M, Ege MJ, Genuneit J, Pekkanen J, Roponen M, Hirvonen MR, Dalphin JC, Kaulek V, Krauss-Etschmann S, Riedler J, Braun-Fahrländer C, **Roduit C, Lauener R**, Pfeifferle PI, Weber J, von Mutius E; PASTURE Study Group. *Atopic sensitization in the first year of life*. J Allergy Clin Immunol 131:781-788, 2013.

Dey M, **Landolt MA**, Mohler-Kuo M. *Assessing parent-child agreement in health-related quality of life among three health status groups*. Soc Psychiatry Psychiatr Epidemiol 48:503-511, 2013.

Diaz BA, Van Der Sluis S, Moens S, Benjamins JS, Migliorati F, Stoffers D, Den Braber A, **Poel SS**, Hardstone R, Van't Ent D, Boomsma DI, De Geus E, Mansvelder HD, Van Someren EJ, Linkenkaer-Hansen K. *The Amsterdam Resting-State Questionnaire reveals multiple phenotypes of resting-state cognition*.

Front Hum Neurosci 7:446, 2013.

**Dirks V**, Prêtre R, **Knirsch W, Valsangiacomo Buechel ER**, Seifert B, **Schweiger M, Hübler M, Dave H**. *Modified Blalock Taussig shunt: a not-so-simple palliative procedure*. Eur J Cardiorac Surg 44:1096-1102, 2013.

Dörffel W, Rühl U, Lüders H, Claviez A, Albrecht M, Böklerink J, Holte H, Karlen J, Mann G, Marciniak H, **Niggli F**, Schmiegelow K, Schwarze EW, Pötter R, Wickmann L, Schellong G. *Treatment of children and adolescents with Hodgkin lymphoma without radiotherapy for patients in complete remission after chemotherapy: final results of the multinational trial GPOH-HD95*. J Clin Oncol 31:1562-1568, 2013.

Dörge P, Meissner B, Zimmermann M, Moeckel A, Schrauder A, **Bourquin JP**, Schewe D, Harbott J, Teigler-Schlegel A, Ratei R, Ludwig WD, Köhler R, Bartram CR, Schrappe M, Stanulla M, Cario G. *IKZF1 deletion is an independent predictor of outcome in pediatric acute lymphoblastic leukemia treated according to the ALL-BFM 2000 protocol*. Haematologica 98:428-432, 2013.

Eckert C, Henze G, Seeger K, Hagedorn N, Mann G, Panzer-Grümayer R, Peters C, Klingebiel T, Borkhardt A, Schrappe M, Schrauder A, Escherich G, Sramkova L, **Niggli F**, Hitzler J, von Stackelberg A. *Use of allogeneic hematopoietic stem-cell transplantation based on minimal residual disease response improves outcomes for children with relapsed acute lymphoblastic leukemia in the intermediate-risk group*. J Clin Oncol 31:2736-2742, 2013.

Eder J, Laccone F, **Rohrbach M, Giunta C**, Aumayr K, Reichel C, Trautinger F. *A new COL3A1 mutation in Ehlers-Danlos syndrome type IV*. Exp Dermatol 22:231-234, 2013.

Fan Y, Zhang AM, Weng YG, **Huebler M**, Miera O, Franz N, Qian GS, Hetzer R. *Factors associated with the need of biventricular mechanical circulatory support in children with advanced heart failure*. Eur J Cardiothorac Surg 43:1028-1035, 2013.

Fantur M, Karall D, Scholl-Buergi S, **Häberle J**, Rauchenzauner M, Fruehwirth M. *Recurrent somnolence in a 17-month-old infant: Late-onset ornithine transcarbamylase (OTC) deficiency due to the novel hemizygous mutation c.535C > T (p.Leu179Phe)*. Eur J Paediatr Neurol 17:112-115, 2013.

**Fingerhut R, Torresani T**. *Evaluation of the Genetic Screening Processor (GSP™) for newborn screening*. Anal Methods 5:4769-4776, 2013.

**Fingerhut R, Torresani T**. *Determination of total galactose from dried blood spots - exten-*

*sive assay evaluation of a CE-marked test-kit*. JASMI 3:163-166, 2013.

Fischmann A, Hafner P, Gloor M, Schmid M, **Klein A**, Pohlman U, Waltz T, Gonzalez R, Haas T, Bieri O, Fischer D. *Quantitative MRI and loss of free ambulation in Duchenne muscular dystrophy*. J Neurol 260:969-974, 2013.

Fofou-Caillierez MB, Mrabet NT, Chéry C, Dreumont N, Flayac J, Pupovac M, Paoli J, Alberto JM, Coelho D, Camadro JM, Feillet F, Watkins D, **Fowler B**, Rosenblatt DS, Guéant JL. *Interaction between methionine synthase isoforms and MMACHC: characterization in cblG-variant, cblG and cblC inherited causes of megaloblastic anaemia*. Hum Mol Genet 22:4591-4601, 29013.

Fratz S, Chung T, Greil GF, Samyn MM, Taylor AM, **Valsangiacomo Buechel ER**, Yoo SJ, Powell AJ. *Guidelines and protocols for cardiovascular magnetic resonance in children and adults with congenital heart disease: SCMR expert consensus group on congenital heart disease*. J Cardiovasc Magn Reson 15:51, 2013.

Freigang S, Ampenberger F, Weiss A, Kan-neganti TD, Iwakura Y, **Hersberger M**, Kopf M. *Fatty acid-induced mitochondrial uncoupling elicits inflammasome-independent IL-1 $\alpha$  and sterile vascular inflammation in atherosclerosis*. Nat Immunol 14:1045-1053, 2013.

**Frey B, Hossle JP, Seiler Sigrist M, Cannizzaro V**. *Measurement of resident workload in paediatric intensive care*. Swiss Med Wkly 143:w13844, 2013.

Friedrich C, von Bueren AO, von Hoff K, **Gerber NU**, Ottensmeier H, Deinlein F, Benesch M, Kwiecien R, Pietsch T, Warmuth-Metz M, Faldum A, Kuehl J, Kortmann RD, Rutkowski S. *A long duration of the prediagnostic symptomatic interval is not associated with an unfavourable prognosis in childhood medulloblastoma*. Neuro Oncol 15:224-234, 2013.

Gai X, Ghezzi D, Johnson MA, Biagosch CA, Shamseldin HE, Haack TB, Reyes A, Tsukikawa M, Sheldon CA, Srinivasan S, Gorza M, Kremer LS, Wieland T, Strom TM, Polyak E, Place E, Consugar M, Ostrovsky J, Vidoni S, Robinson AJ, Wong LJ, Sondheimer N, Salih MA, Al-Jishi E, Raab CP, Bean C, Furlan F, Parini R, Lamperti C, Mayr JA, Konstantopoulou V, **Huemer M**, Pierce EA, Meitinger T, Freisinger P, Spertl W, Prokisch H, Alkuraya FS, Falk MJ, Zeviani M. *Mutations in FBXL4, encoding a mitochondrial protein, cause early-onset mitochondrial encephalomyopathy*. Am J Hum Genet 93:482-495, 2013.

Gast H, Müller A, Lopez M, Meier D, **Huber R**, Dechent F, Prinz M, Emmenegger Y, Franken P, Birchler T, Fontana A. *CD40 activation*

induces NREM sleep and modulates genes associated with sleep homeostasis. *Brain Behav Immun* 27:133-144, 2013.

Gianinazzi ME, Rueegg CS, Wengenroth L, **Bergstraesser E**, Rischewski J, Ammann RA, Kuehni CE, Michel G; for Swiss Pediatric Oncology Group (SPOG). *Adolescent survivors of childhood cancer: are they vulnerable for psychological distress?* *Psychooncology* 22:2051-2058, 2013.

Goeggel Simonetti B, Ritter B, Gautschi M, Wehrli E, **Boltshauser E**, Schmitt-Mechelke T, Weber P, Weissert M, El-Koussy M, Steinlin M. *Basilar artery stroke in childhood.* *Dev Med Child Neurol* 55:65-70, 2013.

**Goetti R, O'Gorman R, Khan N, Kellenberger CJ, Scheer I.** *Arterial spin labelling MRI for assessment of cerebral perfusion in children with moyamoya disease: comparison with dynamic susceptibility contrast MRI.* *Neuroradiology* 55:639-647, 2013.

**Goetti R, Wille D, Kretschmar U, Klein A, Scheer I.** *Idiopathic Spinal Cord Herniation: First Reported Case in a Child.* *JAMA Neurol* 70:125-126, 2013.

**Graf A, Bergstraesser E, Landolt MA.** *Post-traumatic stress in infants and preschoolers with cancer.* *Psychooncology* 22:1543-1548, 2013.

Grønning Dale MT, Solberg Ø, Holmstrøm H, **Landolt MA**, Eskedal LT, Vollrath ME. *Well-being in mothers of children with congenital heart defects: a 3-year follow-up.* *Qual of Life Res* 22:2063-2072, 2013.

Grünert SC, Brichta CM, Krebs A, Clement HW, Rauh R, Fleischhaker C, Hennighausen K, **Sass JO**, Schwab KO. *Diurnal variation of phenylalanine and tyrosine concentrations in adult patients with phenylketonuria: subcutaneous microdialysis is no adequate tool for the determination of amino acid concentrations.* *Nutr J* 12:60, 2013.

Grünert SC, Müllerleile S, De Silva L, Barth M, Walter M, Walter K, Meissner T, Lindner M, Ensenauer R, Santer R, Bodamer OA, **Baumgartner MR**, Brunner-Krainz M, Karall D, Haase C, Knerr I, Marquardt T, Hennermann JB, Steinfeld R, Beblo S, Koch HG, Konstantopoulou V, Scholl-Bürgi S, van Teeffelen-Heithoff A, Suormala T, Sperl W, Kraus JP, Superti-Furga A, Schwab KO, **Sass JO.** *Propionic acidemia: clinical course and outcome in 55 pediatric and adolescent patients.* *Orphanet J Rare Dis* 8:6, 2013.

Grünert SC, Villavicencio-Lorini P, Wermuth B, Lehnert W, **Sass JO**, Schwab KO. *Ornithine transcarbamylase deficiency combined with type 1 diabetes mellitus - a challenge in clinical*

*and dietary management.* *J Diabetes Metab Disord* 12:37, 2013.

Haarmann A, Mayr M, Kölker S, Baumgartner ER, Schnierda J, Hopfer H, Devuyst O, **Baumgartner MR.** *Renal involvement in a patient with cobalamin A type (cblA) methylmalonic aciduria: A 42-year follow-up.* *Mol Genet Metab* 110:472-476, 2013.

**Haas T, Spielmann N, Mauch J, Schmutz M, Weiss M.** *Correlation of activated clotting times and standard laboratory coagulation tests in paediatric non-cardiac surgery.* *Scand J Clin Lab Invest* 73:29-33, 2013.

Hadad N, Burgazliev O, Elgazar-Carmon V, Solomonov Y, **Wueest S, Item F, Konrad D**, Rudich A, Levy R. *Induction of cytosolic phospholipase a2 $\alpha$  is required for adipose neutrophil infiltration and hepatic insulin resistance early in the course of high-fat feeding.* *Diabetes* 62:3053-3063, 2013.

Handley R, Zelaya FO, Reinders AA, Marques TR, Mehta MA, **O'Gorman R**, Alsop DC, Taylor H, Johnston A, Williams S, McGuire P, Pariente CM, Kapur S, Dazzan P. *Acute effects of single-dose aripiprazole and haloperidol on resting cerebral blood flow (rCBF) in the human brain.* *Hum Brain Mapp* 34:272-282, 2013.

**Hartmann-Fritsch F, Biedermann T, Braziulis E, Meuli M, Reichmann E.** *A new model for preclinical testing of dermal substitutes for human skin reconstruction.* *Pediatr Surg Int* 29:479-488, 2013.

**Hartmann-Fritsch F, Hosper N, Luginbühl J, Biedermann T, Reichmann E, Meuli M.** *Human amniotic fluid derived cells can competently substitute dermal fibroblasts in a tissue-engineered dermo-epidermal skin analog.* *Pediatr Surg Int* 29:61-69, 2013.

Hauge LJ, Kornstad T, Nes RB, Kristensen P, Irgens LM, Eskedal LT, **Landolt MA**, Vollrath ME. *The impact of a child's special health care needs on maternal work participation during early motherhood.* *Paediatr Perinat Epidemiol* 27:353-360, 2013.

Hauri D, Spycher B, Huss A, Zimmermann F, **Grotzer M**, von der Weid N, Weber D, Spoerri A, Kuehni CE, Röösti M; Swiss National Cohort; Swiss Paediatric Oncology Group (SPOG). *Domestic radon exposure and risk of childhood cancer: a prospective census-based cohort study.* *Environ Health Perspect* 121:1239-1244, 2013.

Hendriks CJ, Giugliani R, Harmatz P, Lampe C, Martins AM, Pastores GM, Steiner RD, Leão Teles E, Valayannopoulos V (**incl. Plecko B**); CSP Study Group. *Design, baseline characteristics, and early findings of the MPS VI (mucopolysaccharidosis VI) Clinical Surveillance Program (CSP).* *J Inher Metab Dis* 36:373-384, 2013.

Herrero Martín D, Boro A, **Schäfer BW.** *Cell-based small-molecule compound screen identifies fenretinide as potential therapeutic for translocation-positive rhabdomyosarcoma.* *PLoS One* 8:e55072, 2013.

Herzog D, **Landolt MA, Buehr P**, Heyland K, Rogler D, **Koller R, Rueger V**, Pittet V, Nydegger A, Spalinger J, Schächli M, Schibli S, **Braegger CP**; Swiss IBD Cohort Study Group. *Low prevalence of behavioural and emotional problems among Swiss paediatric patients with inflammatory bowel disease.* *Arch Dis Child* 98:16-19, 2013.

Horder J, Lavender T, Mendez MA, **O'Gorman R**, Daly E, Craig MC, Lythgoe DJ, Barker GJ, Murphy DG. *Reduced subcortical glutamate/glutamine in adults with autism spectrum disorders: a [1H]MRS study.* *Transl Psychiatry* 3:e279, 2013.

**Horst M**, Heutschi J, van den Brand R, Andersson KE, **Gobet R**, Sulser T, Courtine G, Eberli D. *Multisystem neuroprosthetic training improves bladder function after severe spinal cord injury.* *J Urol* 189:747-753, 2013.

**Horst M**, Madduri S, Milleret V, Sulser T, **Gobet R**, Eberli D. *A bilayered hybrid micro-fibrous PLGA--acellular matrix scaffold for hollow organ tissue engineering.* *Biomaterials* 34:1537-1545, 2013.

Houten SM, Te Brinke H, Denis S, Ruiter JP, Knegt AC, de Klerk JB, Augoustides-Savvopoulou P, **Häberle J, Baumgartner MR**, Coşkun T, Zschocke J, **Sass JO**, Poll-The BT, Wanders RJ, Duran M. *Genetic basis of hyperlysinemia.* *Orphanet J Rare Dis* 8:57, 2013.

Hu L, Pandey AV, Eggmann S, **Rüfenacht V**, Möslinger D, Nuoffer JM, **Häberle J.** *Understanding the role of argininosuccinate lyase transcript variants in the clinical and biochemical variability of the urea cycle disorder argininosuccinic aciduria.* *J Biol Chem* 288:34599-34611, 2013.

**Huber R**, Mäki H, Rosanova M, Casarotto S, Canali P, Casali AG, Tononi G, Massimini M. *Human cortical excitability increases with time awake.* *Cereb Cortex* 23:332-338, 2013.

Hundsberger T, **Rohrbach M**, Kern L, Rösler KM. *Swiss national guideline for reimbursement of enzyme replacement therapy in late-onset Pompe disease.* *J Neurol* 260:2279-2285, 2013.

Inci I, Hillinger S, Arni S, Kaplan T, **Inci D**, Weder W. *Reconditioning of an injured lung graft with intrabronchial surfactant instillation in an ex vivo lung perfusion system followed by transplantation.* *J Surg Res* 184:1143-1149, 2013.

Inci I, Hillinger S, Arni S, Jungraithmayr W, **Inci D**, Vogt P, Leskosek B, Hansen G, Weder

W. Surfactant improves graft function after gastric acid-induced lung damage in lung transplantation. *Ann Thorac Surg* 95:1013-1019, 2013.

Jenni OG, Chaouch A, Caflisch J, Rousson V. Correlations between motor and intellectual functions in normally developing children between 7 and 18 years. *Dev Neuropsychol* 38:98-113, 2013.

Jenni OG, Chaouch A, Caflisch J, Rousson V. Infant motor milestones: poor predictive value for outcome of healthy children. *Acta Paediatr* 102:e181-184, 2013.

Jost T, Lacroix C, Braegger C, Chassard C. Assessment of bacterial diversity in breast milk using culture-dependent and culture-independent approaches. *Br J Nutr* 110:1253-1262, 2013.

Jud A, Landolt MA, Tatalias A, Lach LM, Lips U. Health-related quality of life in the aftermath of child maltreatment: follow-up study of a hospital sample. *Qual Life Res* 22: 1361-1369, 2013.

Takebeke TH, Caflisch J, Chaouch A, Rousson V, Largo RH, Jenni OG. Neuromotor development in children. Part 3: motor performance in 3- to 5-year-olds. *Dev Med Child Neurol* 55:248-256, 2013.

Kaplan P, Baris H, De Meirleir L, Di Rocco M, El-Beshlawy A, Huemer M, Martins AM, Nasco I, Rohrbach M, Steinbach L, Cohen IJ. Revised recommendations for the management of Gaucher disease in children. *Eur J Pediatr* 172:447-458, 2013.

Karthikeyan G, Jagadeesh S, Seshadri S, Häberle J. Citrullinemia type 1: genetic diagnosis and prenatal diagnosis in subsequent pregnancy. *Indian Pediatr* 50:965-966, 2013.

Käser T, Baschera GM, Kohn J, Kucian K, Richtmann V, Grond U, Gross M, von Aster M. Design and evaluation of the computer-based training program *Calcularis* for enhancing numerical cognition. *Front Psychol* 4:489, 2013.

Käser T, Busetto AG, Solenthaler B, Baschera GM, Kohn J, Kucian K, von Aster M, Gross M. Modelling and optimizing mathematics learning in children. *IJAIED* 23:115-135, 2013.

Keil S, Anjema K, van Spronsen FJ, Lambruschini N, Burlina A, Bélanger-Quintana A, Couce ML, Feillet F, Cerone R, Lotz-Havla AS, Muntau AC, Bosch AM, Meli CA, Billette de Villemeur T, Kern I, Riva E, Giovannini M, Damaj L, Leuzzi V, Blau N. Long-term follow-up and outcome of phenylketonuria patients on sapropterin: a retrospective study. *Pediatrics* 131:e1881-1888, 2013.

Kieninger E, Singer F, Tapparel C, Alves MP,

Latzin P, Tan HL, Bossley C, Casaulta C, Bush A, Davies JC, Kaiser L, Regamey N. High rhinovirus burden in lower airways of children with cystic fibrosis. *Chest* 143:782-790, 2013.

Kizawa K, Jinbo Y, Inoue T, Takahara H, Unno M, Heizmann CW, Izumi Y. Human S100A3 tetramerization propagates Ca(2+)/Zn(2+) binding states. *Biochim Biophys Acta* 1833:1712-1719, 2013.

Klaver P, Talsma D. Behind the scenes: How visual memory load biases selective attention during processing of visual streams. *Psychophysiology* 50:1133-1146, 2013.

Klein A, Pitt MC, McHugh JC, Niks EH, Sewry CA, Phadke R, Feng L, Manzur AY, Tirupathi S, Devile C, Jayawant S, Finlayson S, Palace J, Muntoni F, Beeson D, Robb SA. DOK7 congenital myasthenic syndrome in childhood: early diagnostic clues in 23 children. *Neuromuscul Disord* 23:883-891, 2013.

Knirsch W, Kellenberger C, Dittrich S, Ewert P, Lewin M, Motz R, Nürnberg J, Kretschmar O; Working Group Interventional Cardiology of the German Association of Pediatric Cardiology. Femoral arterial thrombosis after cardiac catheterization in infancy: impact of Doppler ultrasound for diagnosis. *Pediatr Cardiol* 34:530-535, 2013.

Kohn J, Richtmann V, Rauscher L, Kucian K, Käser T, Grond U, Esser G, von Aster M. Das Mathematikangstinterview (MAI): Erste psychometrische Gütekriterien. *Lernen und Lernstörungen* 2:177-189, 2013.

Kozek-Langenecker SA, Afshari A, Albaladejo P, Santullano CA, De Robertis E, Filipescu DC, Fries D, Görlinger K, Haas T, Imberger G, Jacob M, Lancé M, Llau J, Mallett S, Meier J, Rahe-Meyer N, Samama CM, Smith A, Solomon C, Van der Linden P, Wikkelsø AJ, Wouters P, Wyffels P. Management of severe perioperative bleeding: guidelines from the European Society of Anaesthesiology. *Eur J Anaesthesiol* 30:270-382, 2013.

Kramer DN, Hertli MB, Landolt MA. Evaluation of an early risk screener for PTSD in preschool children after accidental injury. *Pediatrics* 132:e945-e951, 2013.

Kücüksezer UC, Palomares O, Rückert B, Jartti T, Puhakka T, Nandy A, Gemicioğlu B, Fahrner HB, Jung A, Deniz G, Akdis CA, Akdis M. Triggering of specific Toll-like receptors and proinflammatory cytokines breaks allergen-specific T-cell tolerance in human tonsils and peripheral blood. *J Allergy Clin Immunol* 131:875-885, 2013.

Kuonen A, Vaudaux J, Hamedani M, Schuster V, Albiseti M, von der Weid N, Kaeser PF. Ligneous conjunctivitis in a young patient with

homozygous K19E plasminogen gene mutation: a diagnostic and therapeutic challenge. *Klin Monbl Augenheilkd* 230:346-348, 2013.

Kutter AP, Bittermann AG, Bettschart-Wolfensberger R, Spielmann N, Hartnack S, Ziegler U, Weiss M, Mauch JY. Do lower cuff pressures reduce damage to the tracheal mucosa? A scanning electron microscopy study in neonatal pigs. *Paediatr Anaesth* 23:117-121, 2013.

L'Abate P, Wiegert S, Struck J, Wellmann S, Cannizzaro V. Determinants of plasma co-peptin: a systematic investigation in a pediatric mechanical ventilation model. *Respir Physiol Neurobiol* 185:222-227, 2013.

Labruyère R, Gerber CN, Birrer-Brütsch K, Meyer-Heim A, van Hedel HJ. Requirements for and impact of a serious game for neuro-pediatric robot-assisted gait training. *Res Dev Disabil* 34:3906-3915, 2013.

Labruyère R, Zimmerli M, van Hedel HJ. Slowed down: response time deficits in well-recovered subjects with incomplete spinal cord injury. *Arch Phys Med Rehabil* 94:2020-2026, 2013.

Landolt MA, Schnyder U, Maier T, Schoenbuecher V, Mohler-Kuo M. Trauma exposure and posttraumatic stress disorder in adolescents: a national survey in Switzerland. *J Trauma Stress* 26:209-216, 2013.

Landolt B, Staubli G, Lips U, Weibel L. Skin disorders encountered in a Swiss pediatric emergency department. *Swiss Med Wkly* 143:w13731, 2013.

Latshang TD, Lo Cascio CM, Stöwhas AC, Grimm M, Stadelmann K, Tesler N, Achermann P, Huber R, Kohler M, Bloch KE. Are nocturnal breathing, sleep, and cognitive performance impaired at moderate altitude (1,630-2,590 m)? *Sleep* 36:1969-1976, 2013.

Lascombes P, Huber H, Fay R, Popkov D, Haumont T, Journeau P. Flexible intramedullary nailing in children: nail to medullary canal diameters optimal ratio. *J Pediatr Orthop* 33:403-408, 2013.

Laubscher B, Bänziger O, Schubiger G (incl. U. Lips); Swiss Paediatric Surveillance Unit (SPSU). Prevention of vitamin K deficiency bleeding with three oral mixed micellar phylloquinone doses: results of a 6-year (2005-2011) surveillance in Switzerland. *Eur J Pediatr* 172:357-360, 2013.

LeBourgeois MK, Carskadon MA, Akacem LD, Simpkin CT, Wright KP Jr, Achermann P, Jenni OG. Circadian phase and its relationship to nighttime sleep in toddlers. *J Biol Rhythms* 28:322-331, 2013.

LeBourgeois MK, Wright KP, LeBourgeois HB, **Jenni OG**. *Dissonance between parent-selected bedtimes and young children's circadian physiology influences nighttime settling difficulties*. *Mind Brain Educ* 7:234-242, 2013.

Lee Gerick M H, Fattinger S, Mouthon AL, Noirhomme Q, **Huber R**, Lou PH, Zhang L, Lucchinetti E, Heck M, Affolter A, Gandhi M, Kienesberger PC, **Hersberger M**, Clanachan AS, Zaugg M. *Infarct-remodelled hearts with limited oxidative capacity boost fatty acid oxidation after conditioning against ischaemia/reperfusion injury*. *Cardiovasc Res* 97:251-261, 2013.

Leiba H, Jaggi GP, **Boltshauser E**, Landau K. *Prediction of the clinical outcome of cavernous sinus lesions in children*. *Neuropediatrics* 44:191-198, 2013.

Lemke JR, Lal D, Reinthaler EM, Steiner I, Nothnagel M, Alber M, Geider K, Laube B, Schwake M, Finsterwalder K, Franke A, Schilhabel M, Jahn JA, Muhle H, Boor R, Van Paesschen W, Caraballo R, Fejerman N, Weckhuysen S, De Jonghe P, Larsen J, Møller RS, Hjalgrim H, Addis L, Tang S, Hughes E, Pal DK, Veri K, Vaher U, Talvik T, Dimova P, Guerrero López R, Serratosa JM, Linnan-kivi T, Lehesjoki AE, Ruf S, Wolff M, Buerki S, **Wohrab G**, Kroell J, Datta AN, Fiedler B, Kurtlemann G, Kluger G, Hahn A, Haberlandt DE, Kutzer C, Sperner J, Becker F, Weber YG, Feucht M, Steinböck H, Neophythou B, Ronen GM, Gruber-Sedlmayr U, Geldner J, Harvey RJ, Hoffmann P, Herms S, Altmüller J, Toliat MR, Thiele H, Nürnberg P, Wilhelm C, Stephani U, Helbig I, Lerche H, Zimprich F, Neubauer BA, Biskup S, von Spiczak S. *Mutations in GRIN2A cause idiopathic focal epilepsies with rolandic spikes*. *Nat Genet* 45:1067-1072, 2013.

Loforte A, Stepanenko A, Potapov EV, Musumeci F, Dranishnikov N, **Schweiger M**, Montalto A, Pasic M, Weng Y, Dandel M, Siniawski H, Kukucka M, Krabatsch T, Hetzer R. *Temporary right ventricular mechanical support in high-risk left ventricular assist device recipients versus permanent biventricular or total artificial heart support*. *Artif Organs* 37:523-530, 2013.

Lou PH, Zhang L, Lucchinetti E, Heck M, Affolter A, Gandhi M, Kienesberger PC, **Hersberger M**, Clanachan AS, Zaugg M. *Infarct-remodelled hearts with limited oxidative capacity boost fatty acid oxidation after conditioning against ischaemia/reperfusion injury*. *Cardiovasc Res* 97:251-261, 2013.

**Lünemann A**, Vanoaica LD, **Azzi T**, **Nadal D**, Münz C. *A distinct subpopulation of human NK cells restricts B cell transformation by EBV*. *J Immunol* 191:4989-4995, 2013.

Lurà MP, **Inci D**, **Jung A**, Knoepfli B, Wildhaber JH, **Moeller A**. *Comparison of treatment guidance based on bronchial responsiveness to mannitol, spirometry or exhaled nitric oxide in stable asthmatic children*. *Open J Pediatr* 3:406-417, 2013.

Lustenberger C, Murbach M, Dürr R, Schmid MR, Kuster N, Achermann P, **Huber R**. *Stimulation of the brain with radiofrequency electromagnetic field pulses affects sleep-dependent performance improvement*. *Brain Stimul* 6:805-811, 2013.

Maggi L, Scoto M, Cirak S, Robb SA, **Klein A**, Lillis S, Cullup T, Feng L, Manzur AY, Sewry CA, Abbs S, Jungbluth H, Muntoni F. *Congenital myopathies--clinical features and frequency of individual subtypes diagnosed over a 5-year period in the United Kingdom*. *Neuromuscul Disord* 23:195-205, 2013.

Maier T, Mohler-Kuo M, **Landolt MA**, Schnyder U, **Jud A**. *The tip of the iceberg. Incidence of disclosed cases of child sexual abuse in Switzerland: results from a nationwide agency survey*. *Int J Public Health* 58:875-883, 2013.

Makhro A, Hänggi P, Goede JS, Wang J, Brüggemann A, Gassmann M, **Schmugge M**, Kaestner L, **Speer O**, Bogdanova A. *N-methyl-D-aspartate receptors in human erythroid precursor cells and in circulating red blood cells contribute to the intracellular calcium regulation*. *Am J Physiol Cell Physiol* 305:C1123-1138, 2013.

**Makki M**, **Scheer I**, **Hagmann C**, **Liamlahi R**, **Knirsch W**, **Dave H**, **Bernet V**, **Batinic K**, **Latal B**. *Abnormal interhemispheric connectivity in neonates with D-transposition of the great arteries undergoing cardiopulmonary bypass surgery*. *AJNR Am J Neuroradiol* 34:634-640, 2013.

Manuel O, Kralidis G, Mueller NJ, Hirsch HH, Garzoni C, van Delden C, **Berger C**, Boggian K, Cusini A, Koller MT, Weisser M, Pascual M, Meylan PR, and the Swiss Transplant Cohort Study. *Impact of antiviral preventive strategies on the incidence and outcomes of cytomegalovirus disease in solid-organ transplant recipients*. *Am J Transplant* 13:2402-2410, 2013.

**Masnari O**, **Schiestl C**, Rössler J, Gütlein SK, **Neuhaus K**, **Weibel L**, **Meuli M**, **Landolt MA**. *Stigmatization predicts psychological adjustment and quality of life in children and adolescents with a facial difference*. *J Pediatr Psychol* 38:162-172, 2013.

**Masnari O**, **Schiestl C**, **Weibel L**, Wuttke F, **Landolt MA**. *How children with facial differences are perceived by non-affected children and adolescents: perceiver effects on stereotypical attitudes*. *Body Image* 10:515-523, 2013.

**Mauch J**, Madjdpour C, Kutter AP, **Spielmann N**, Bettschart-Wolfensberger R, **Weiss M**, **Haas T**. *Effect of rapid fluid resuscitation using crystalloids or colloids on hemostasis in piglets*. *Paediatr Anaesth* 23:258-264, 2013.

**Mauch J**, Ringer SK, **Spielmann N**, **Weiss M**. *Intravenous versus intramuscular epinephrine administration during cardiopulmonary resuscitation - a pilot study in piglets*. *Paediatr Anaesth* 23:906-912, 2013.

**Mauch JY**, **Weiss M**, **Spielmann N**, Ringer SK. *Electrocardiographic and blood pressure alterations caused by intravenous injection of ropivacaine - a study in piglets*. *Paediatr Anaesth* 23:144-148, 2013.

**Mazzone L**, **Schiestl C**. *Management of septic skin necroses*. *Eur J Pediatr Surg* 23:349-358, 2013.

Metz AJ, Pugin F, **Huber R**, Achermann P, Wolf M. *Brain tissue oxygen saturation increases during the night in adolescents*. *Adv Exp Med Biol* 789:113-119, 2013.

**Meuli M**, Meuli-Simmen C, Flake AW, Zimmermann R, Ochsenbein N, **Scheer I**, **Mazzone L**, **Moehrlen U**. *Premiere use of Integra™ artificial skin to close an extensive fetal skin defect during open in utero repair of myelomeningocele*. *Pediatr Surg Int* 29:1321-1326, 2013.

**Meyer-Heim A**, **van Hedel HJ**. *Robot-assisted and computer-enhanced therapies for children with cerebral palsy: current state and clinical implementation*. *Semin Pediatr Neurol* 20:139-145, 2013.

**Meyer Sauter PM**, **Relly C**, **Hug M**, Wittenbrink MM, **Berger C**. *Risk factors for invasive reptile-associated salmonellosis in children*. *Vector Borne Zoonotic Dis* 2013:13:419-421.

Michel S, Busato F, Genuneit J, Pekkanen J, Dalphin JC, Riedler J, Mazaleyat N, Weber J, Karvonen AM, Hirvonen MR, Braun-Fahrlander C, Lauener R, von Mutius E, Kabesch M, Tost J (**incl. Roduit C**); PASTURE study group. *Farm exposure and time trends in early childhood may influence DNA methylation in genes related to asthma and allergy*. *Allergy* 68:355-364, 2013.

**Michels L**, Muthuraman M, Lüchinger R, **Martin E**, Anwar AR, Raethjen J, Brandeis D, Siniatchkin M. *Developmental changes of functional and directed resting-state connectivities associated with neuronal oscillations in EEG*. *Neuroimage* 81:231-242, 2013.

Mirkowska P, Hofmann A, Sedek L, Slamova L, Mejstrikova E, Szczepanski T, Schmitz M, Cario G, Stanulla M, Schrappe M, van der Velden VH, Bornhauser BC, Wollscheid B, **Bourquin JP**. *Leukemia surfaceome analysis*

reveals new disease-associated features. *Blood* 121:149-159, 2013.

Möricke A, Lauten M, Beier R, Odenwald E, Stanulla M, Zimmermann M, Attarbaschi A, **Niggli F**, Schrappe M. *Prediction of outcome by early response in childhood acute lymphoblastic leukemia*. *Klin Padiatr* 225, Suppl 1:S50-60, 2013.

Morishima Y, Kawase T, Malkki M, Morishima S, Spellman S, Kashiwase K, Kato S, Cesbron A, Tiercy JM, Senitzer D, Velardi A, Petersdorf EW (incl. **Güngör T**); International Histocompatibility Working Group in Hematopoietic Cell Transplantation. *Significance of ethnicity in the risk of acute graft-versus-host disease and leukemia relapse after unrelated donor hematopoietic stem cell transplantation*. *Biol Blood Marrow Transplant* 19:1197-1203, 2013.

Mueller-Pfeiffer C, Schick M, Schulte-Vels T, **O'Gorman R**, **Michels L**, Martin-Soelch C, Blair JR, Rufer M, Schnyder U, Zeffiro T, Hasler G. *Atypical visual processing in post-traumatic stress disorder*. *NeuroImage Clin* 3:531-538, 2013.

Mustonen K, Orivuori L, Keski-Nisula L, Hyvärinen A, Pfefferle PI, Riedler J, Dalphin JC, Genuneit J, Lauener R, **Roduit C**, Braun-Fahrlander C, Weber J, Schaub B, von Mutius E, Pekkanen J, Vaarala O; PASTURE Study Group. *Inflammatory response and IgE sensitization at early age*. *Pediatr Allergy Immunol* 24:395-401, 2013.

**Natalucci G**, Becker J, Becher K, Bickle GM, **Landolt MA**, Bucher HU. *Self-perceived health status and mental health outcomes in young adults born with less than 1000 g*. *Acta Paediatr* 102:294-299, 2013.

**Natalucci G**, Rousson V, Bucher HU, **Bernet V**, Hagmann C, **Latal B**. *Delayed cyclic activity development on early amplitude-integrated EEG in the preterm infant with brain lesions*. *Neonatology* 103:134-140, 2013.

**Natalucci G**, Leuchter RH, Bucher HU, **Latal B**, Koller B, Hüppi PS, Hagmann C. *Functional brain maturation assessed during early life correlates with anatomical brain maturation at term-equivalent age in preterm infants*. *Pediatr Res* 74:68-74, 2013.

**Neuhaus D**, **Schmitz A**, **Gerber A**, **Weiss M**. *Controlled rapid sequence induction and intubation - an analysis of 1001 children*. *Paediatr Anaesth* 23:734-740, 2013.

**Neuhaus K**, **Meuli M**, Koenigs I, **Schiestl C**. *Management of «difficult» wounds*. *Eur J Pediatr Surg* 23:341-348, 2013.

Niemitz M, Seitz DC, Oebels M, Schranz D, Hövels-Gürich H, Hofbeck M, Kaulitz R, Galm

C, Berger F, Nagdyman N, Stiller B, Borth-Bruhns T, Konzag I, **Balmer C**, Goldbeck L. *The development and validation of a health-related quality of life questionnaire for pre-school children with a chronic heart disease*. *Qual Life Res* 22:2877-2888, 2013.

**Niggli F**, Bodmer N. *Akute Leukämien im Kindesalter*. *SZO* 2:12-16, 2013.

Nov O, Shapiro H, Ovidia H, Tarnowski T, Dvir I, Shemesh E, Kovsan J, Shelef I, Carmi Y, Voronov E, Apte RN, Lewis E, Haim Y, **Konrad D**, Bashan N, Rudich A. *Interleukin-1 $\beta$  regulates fat-liver crosstalk in obesity by auto-paracrine modulation of adipose tissue inflammation and expandability*. *PLoS One* 8:e53626, 2013.

Nüsslein T, Brinkmann F, Ahrens P, Ebsen M, **Jung A**, Kirchberger W, Kneißl A, Koerner-Rettberg C, Linz-Keul H, Loges NT, Theegarten D, Seithe H, Sendler J, Werner C, Omran H. *Diagnostik der primären ziliären Dyskinesie*. *Monatsschr Kinderheilkd* 161:406-416, 2013.

**O'Gorman RL**, **Poil SS**, Brandeis D, **Klaver P**, **Bollmann S**, **Ghisleni C**, Luchinger R, **Martin E**, Shankaranarayanan A, Alsop DC, **Michels L**. *Coupling between resting cerebral perfusion and EEG*. *Brain Topogr* 26:442-457, 2013.

Ohlander J, Huber SM, Schomaker M, Heumann C, Schierl R, Michalke B, **Jenni OG**, **Cafilisch J**, Muñoz DM, von Ehrenstein OS, Radon K. *Risk factors for mercury exposure of children in a rural mining town in northern Chile*. *PLoS One* 8:e79756, 2013.

**Olini N**, **Kurth S**, **Huber R**. *The effects of caffeine on sleep and maturational markers in the rat*. *PLoS One*, 8:e72539, 2013.

Opladen T, Hoffmann GF, Kühn AA, **Blau N**. *Pitfalls in phenylalanine loading test in the diagnosis of dopa-responsive dystonia*. *Mol Genet Metab* 108:195-197, 2013.

**Oxenius A**, Attenhofer Jost CH, Prêtre R, **Dave H**, **Bauersfeld U**, **Kretschmar O**, Seifert B, **Balmer C**, **Valsangiacomo Buechel ER**. *Management and outcome of Ebstein's anomaly in children*. *Cardiol Young* 23:27-34, 2013.

**Pabst WL**, Neuhaus TJ, **Nef S**, Bresin E, Zingg-Schenk A, **Spartà G**. *Successful long-term outcome after renal transplantation in a patient with atypical haemolytic uremic syndrome with combined membrane cofactor protein CD46 and complement factor I mutations*. *Pediatr Nephrol* 28:1141-1144, 2013.

Passweg JR, Baldomero H, Bargetzi M, Bucher C, Chalandon Y, Duchosal MA, Gratwohl A, **Güngör T**, Hess U, Leibundgut K, de Faveri GN, Ozsahin H, Pabst T, Renner C, Stern M, Stussi G, Schanz U; SBST (Swiss Blood Stem Cell Transplantation Group). *Haematopoietic*

*stem cell transplantation: activity in Switzerland compared with surrounding European countries*. *Swiss Med Wkly* 143:w13757, 2013.

Patcas R, Tausch D, Pandis N, Manestar M, Ullrich O, Karlo CA, Peltomäki T, **Kellenberger CJ**. *Illusions of fusions: assessing cervical vertebral fusion on lateral cephalograms, multidetector computed tomographs, and cone-beam computed tomographs*. *Am J Orthod Dentofacial Orthop* 143:213-220, 2013.

Perez A, **Ritter S**, **Brotschi B**, **Werner H**, **Cafilisch J**, **Martin E**, **Latal B**. *Long-term neurodevelopmental outcome with hypoxic-ischemic encephalopathy*. *J Pediatr* 163:454-459, 2013.

Pfrommer S, Weber A, Dutkowski P, Schäfer NG, Müllhaupt B, **Bourquin JP**, Breitenstein S, Pestalozzi BC, Stenner F, Renner C, D'Addario G, Graf HJ, Knuth A, Clavien PA, Samaras P. *Successful salvage chemotherapy with FOLFIRINOX for recurrent mixed acinar cell carcinoma and ductal adenocarcinoma of the pancreas in an adolescent patient*. *Case Rep Oncol* 6:497-503, 2013.

Piantoni G, **Poil SS**, Linkenkaer-Hansen K, Verweij IM, Ramautar JR, Van Someren EJ, Van Der Werf YD. *Individual differences in white matter diffusion affect sleep oscillations*. *J Neurosci* 33:227-233, 2013.

Pichler A, Enzinger C, Fuchs S, **Plecko-Startinig B**, Gruber-Sedlmayr U, Linortner P, Langkammer C, Khalil M, Ebner F, Ropele S, Fazekas F. *Differences and similarities in the evolution of morphologic brain abnormalities between paediatric and adult-onset multiple sclerosis*. *Mult Scler* 19:167-172, 2013.

Pittet V, Rogler G, Michetti P, Fournier N, Vader JP, Schoepfer A, Mottet C, Burnand B, Froehlich F (incl. **Braegger C**, **Bühr P**); Swiss Inflammatory Bowel Disease Cohort Study Group. *Penetrating or stricturing diseases are the major determinants of time to first and repeat resection surgery in Crohn's disease*. *Digestion* 87: 212-221, 2013.

**Plecko B**. *Pyridoxine and pyridoxalphosphate-dependent epilepsies*. *Handb Clin Neurol* 113:1811-1817, 2013.

**Poil SS**, de Haan W, van der Flier WM, Mansvelder HD, Scheltens P, Linkenkaer-Hansen K. *Integrative EEG biomarkers predict progression to Alzheimer's disease at the MCI stage*. *Front Aging Neurosci* 5:58, 2013.

**Pontiggia L**, **Klar A**, **Böttcher-Haberzeth S**, **Biedermann T**, **Meuli M**, **Reichmann E**. *Optimizing in vitro culture conditions leads to a significantly shorter production time of human dermo-epidermal skin substitutes*. *Pediatr Surg Int* 29:249-256, 2013.

**Poretti A**, Meoded A, Cohen KJ, **Grotzer MA**, **Boltshauser E**, Huisman TA. *Apparent diffusion coefficient of pediatric cerebellar tumors: a biomarker of tumor grade?* *Pediatr Blood Cancer* 60:2036-2041, 2013.

**Poretti A**, Risen S, Meoded A, Northington FJ, Johnston MV, **Boltshauser E**, Huisman TA. *Cerebellar agenesis: An extreme form of cerebellar disruption in preterm neonates.* *J Pediatr Neurol* 2:163-167, 2013.

**Quandt D**, **Knirsch W**, **Niesse O**, **Schraner T**, **Dave H**, **Kretschmar O**. *Impact of chest X-ray before discharge in asymptomatic children after cardiac surgery--prospective evaluation.* *Pediatr Cardiol* 34: 155-158, 2013.

Ramos G, **Brotschi B**, **Latal B**, **Bernet V**, Wagner B, Hagmann C; Swiss Neonatal Network. *Therapeutic hypothermia in term infants after perinatal encephalopathy: the last 5 years in Switzerland.* *Early Hum Dev* 89:159-164, 2013.

**Rapold RA**, **Wueest S**, **Knoepfel A**, **Schoenle EJ**, **Konrad D**. *Fas activates lipolysis in a Ca<sup>2+</sup>-CaMKII-dependent manner in 3T3-L1 adipocytes.* *J Lipid Res* 54:63-70, 2013.

Redlin M, Kukucka M, Boettcher W, Schoenfeld H, **Huebler M**, Kuppe H, Habazettl H. *Blood transfusion determines postoperative morbidity in pediatric cardiac surgery applying a comprehensive blood-sparing approach.* *J Thorac Cardiovasc Surg* 146:537-542, 2013.

Remke M, Hering E, **Gerber NU**, Kool M, Sturm D, Rickert CH, Gerß J, Schulz S, Hielscher T, Hasselblatt M, Jeibmann A, Hans V, Ramaswamy V, Taylor MD, Pietsch T, Rutkowski S, Korshunov A, Monoranu CM, Frühwald MC. *Somatostatin subtype 2 (*sst2*) is a potential prognostic marker and a therapeutic target in medulloblastoma.* *Childs Nerv Syst* 29:1253-1262, 2013.

Rieke V, Instrella R, Rosenberg J, Grissom W, **Werner B**, **Martin E**, Pauly KB. *Comparison of temperature processing methods for monitoring focused ultrasound ablation in the brain.* *J Magn Reson Imaging* 38:1462-1471, 2013.

Riener R, Dislaki E, Keller U, Koenig A, **Van Hedel H**, Nagle A. *Virtual reality aided training of combined arm and leg movements of children with CP.* *Stud Health Technol Inform* 184:349-255, 2013

**Ringli M**, **Kurth S**, **Huber R**, **Jenni OG**. *The sleep EEG topography in children and adolescents shows sex differences in language areas.* *Int J Psychophysiol* 89: 241-245, 2013.

**Ringli M**, Souissi S, **Kurth S**, Brandeis D, **Jenni OG**, **Huber R**. *Topography of sleep slow wave activity in children with attention-deficit/hyperactivity disorder.* *Cortex* 49:340-347, 2013.

Robinson PD, Latzin P, Verbanck S, Hall GL, Horsley A, Gappa M, Thamrin C, Arets HG, Aurora P, Fuchs SI, King GG, Lum S, Macleod K, Paiva M, Pillow JJ, Ranganathan S, Ratjen F, **Singer F**, Sonnappa S, Stocks J, Subbarao P, Thompson BR, Gustafsson PM. *Consensus statement for inert gas washout measurement using multiple- and single- breath tests.* *Eur Respir J* 41:507-522, 2013.

Rochat MK, Laubender RP, Kuster D, Braendli O, **Moeller A**, Mansmann U, von Mutius E, Wildhaber J. *Spirometry reference equations for central European populations from school age to old age.* *PLoS One* 8:e526119, 2013.

**Rohrbach M**, Spencer HL, Porter LF, Burkitt-Wright EM, Bürer C, Janecke A, Bakshi M, Sillence D, Al-Hussain H, **Baumgartner M**, **Steinmann B**, Black GC, Manson FD, **Giunta C**. *ZNF469 frequently mutated in the brittle cornea syndrome (BCS) is a single exon gene possibly regulating the expression of several extracellular matrix components.* *Mol Genet Metab* 109:289-295, 2013.

Romao S, Gasser N, Becker AC, Guhl B, Bajagic M, Vanoaica D, Ziegler U, Roesler J, Dengjel J, **Reichenbach J**, Münz C. *Autophagy proteins stabilize pathogen-containing phagosomes for prolonged MHC II antigen processing.* *J Cell Biol* 203:757-76, 2013.

Rueegg CS, Gianinazzi ME, Michel G, von der Weid NX, **Bergstraesser E**, Kuehni CE; Swiss Paediatric Oncology Group (SPOG). *Do childhood cancer survivors with physical performance limitations reach healthy activity levels?* *Pediatr Blood Cancer* 60:1714-1720, 2013.

Rueegg CS, Kuehni CE, Gallati S, **Baumgartner M**, **Torresani T**, Barben J; *Swiss CF Screening Task Force*. *One-year evaluation of a neonatal screening program for cystic fibrosis in Switzerland.* *Dtsch Arztlbl Int* 110:356-363, 2013.

**Rüegger CM**, Bär W, Iseli P. *Simultaneous atelectasis in human bocavirus infected monozygotic twins: was it plastic bronchitis?* *BMC Pediatr* 13:209, 2013.

**Ruppen-Greeff NK**, **Weber DM**, **Gobet R**, **Landolt MA**. *Health-related quality of life in men with corrected hypospadias: An explorative study.* *J Pediatr Urol* 9:551558, 2013.

**Schäfer BW**, Koscielniak E, Kovar H, Fulda S. *ESF-EMBO Symposium "Molecular biology and innovative therapies in sarcomas of childhood and adolescence" Sept 29-Oct 4, Polonia Castle Pultusk, Poland.* *Front Oncol* 3:142, 2013.

Schaefer C, von Rhein M, **Knirsch W**, **Huber R**, Natalucci G, **Caflich J**, **Landolt MA**, **Latal B**. *Neurodevelopmental outcome, psychological adjustment, and quality of life in adolescents*

*with congenital heart disease.* *Dev Med Child Neurol* 55:1143-1149, 2013.

**Schiestl C**, **Meuli M**, Trop M, **Neuhaus K**. *Management of burn wounds.* *Eur J Pediatr Surg* 23:341-348, 2013.

Schlotawa L, Radhakrishnan K, **Baumgartner M**, Schmid R, Schmidt B, Dierks T, Gärtner J. *Rapid degradation of an active formylglycine generating enzyme variant leads to a late infantile severe form of multiple sulfatase deficiency.* *Eur J Hum Genet* 21:1020-1023, 2013.

**Schmid S**, **Lang-Muritano M**, Meier U, De Peron R, **Konrad D**, **Schoenle E**. *Transient severe non-proliferative retinopathy in an adolescent with type 1 diabetes and chronic myeloid leukemia.* *Pediatr Diabetes* 14:227-229, 2013.

Schoenhoff FS, Jungi S, Czerny M, Roost E, Reineke D, Matyas G, **Steinmann B**, Schmidli J, Kadner A, Carrel T. *Acute aortic dissection determines the fate of initially untreated aortic segments in Marfan syndrome.* *Circulation* 127:1569-1575, 2013.

Schoepfer AM, Dehlavi MA, Fournier N, Safroneeva E, Straumann A, Pittet V, Peyrin-Biroulet L, Michetti P, Rogler G, Vavricka SR (incl. **Braegger C**); IBD Cohort Study Group. *Diagnostic delay in Crohn's disease is associated with a complicated disease course and increased operation rate.* *Am J Gastroenterol* 108:1744-1753, 2013.

Schrapppe M, Möricke A, Reiter A, Henze G, Welte K, Gadner H, Ludwig WD, Ritter J, Harbott J, Mann G, Klingebiel T, Gruhn B, Niemeyer C, Kremens B, **Niggli F**, Debatin KM, Ratei R, Stanulla M, Beier R, Cario G, Schrauder A, Zimmermann M. *Key treatment questions in childhood acute lymphoblastic leukemia: results in 5 consecutive trials performed by the ALL-BFM study group from 1981 to 2000.* *Klin Padiatr* 225 Suppl 1:S62-72, 2013.

**Schweiger M**, **Dave H**, Lemme F, **Cavigelli-Brunner A**, Romanchenko O, Heineking B, Hofmann M, **Bürki C**, **Stiasny B**, **Hübler M**. *Acute chemotherapy-induced cardiomyopathy treated with intracorporeal left ventricular assist device in an 8-year-old child.* *ASAIO J* 59:520-522, 2013.

**Schweiger M**, Vierecke J, Potapov E, Krabatsch T. *Management of complications in long-term LVAD support.* *Int J Artif Organs* 36:444-446, 2013.

**Schweiger M**, **Dave H**, Lemme F, Romanchenko O, Hofmann M, **Hübler M**. *Ventricular assist devices: initial orientation.* *J Thorac Dis* 5:567-571, 2013.

**Schweiger M**, **Stoffel G**, Lemme F, **Dave H**, Romanchenko O, Schippers R, **Stiasny**



- B, Cavigelli-Brunner A, Deck A, Hübler M.** *Ausbildungskonzept und Notfallalgorithmus für Rettungskräfte. Kinder mit Kunstherzunterstützungssystemen im häuslichen Bereich.* Notfall und Rettungsmedizin 16:469-476, 2013.
- Schweiger M, Dave H, Lemme F, Romanchenko O, Hübler M.** *Paediatric ventricular assist devices: current achievements.* Swiss Med Wkly 143:w13804, 2013.
- Sepulveda FE, Debeurme F, Ménasché G, Kurowska M, Côte M, **Pachlopnik Schmid J**, Fischer A, de Saint Basile G. *Distinct severity of HLH in both human and murine mutants with complete loss of cytotoxic effector PRF1, RAB27A, and STX11.* Blood 121:595-603, 2013.
- Shafqat N, Kavanagh KL, **Sass JO**, Christensen E, Fukao T, Lee WH, Oppermann U, Yue WW. *A structural mapping of mutations causing succinyl-CoA:3-ketoacid CoA transferase (SCOT) deficiency.* J Inherit Metab Dis 36:983-987, 2013.
- Siebert U, Wurm J, Gothe RM, Arvandi M, Vavricka SR, von Känel R, Begré S, Sulz MC, Meyenberger C, Sagmeister M (incl. **Braegger C**); Swiss IBD Cohort Study Group. *Predictors of temporary and permanent work disability in patients with inflammatory bowel disease: results of the Swiss inflammatory bowel disease cohort study.* Inflamm Bowel Dis 19:847-855, 2013.
- Singer F, Luchsinger I, Inci D, Knauer N, Latzin P, Wildhaber JH, Moeller A.** *Exhaled nitric oxide in symptomatic children at preschool age predicts later asthma.* Allergy 68:531-538, 2013.
- Singer F, Kieninger E, Abbas C, Yammine S, Fuchs O, Proietti E, Regamey N, Casaulta C, Frey U, Latzin P.** *Practicability of nitrogen multiple-breath washout measurements in a pediatric cystic fibrosis outpatient setting.* Pediatr Pulmonol 48:739-746, 2013.
- Singer F, Stern G, Thamrin C, Abbas C, Casaulta C, Frey U, Latzin P.** *A new double-tracer gas single-breath washout to assess early cystic fibrosis lung disease.* Eur Respir J 41:339-345, 2013.
- Sly PD, Nicholls PK, Berry LJ, Hantos Z, **Can-nizzaro V.** *High tidal volume ventilation does not exacerbate acid-induced lung injury in infant rats.* Respir Physiol Neurobiol 189:129-135, 2013.
- Speer O, Schmugge M, Metzger C, Albi-setti M.** *Reference ranges of coagulation tests.* Methods Mol Biol 992:85-96, 2013.
- Stadelmann K, Latshang TD, Lo Cascio CM, Tesler N, Stöwhas AC, Kohler M, Bloch KE, **Huber R, Achermann P.** *Quantitative changes in the sleep EEG at moderate altitude (1630 m and 2590 m).* PLoS One 8:e76945, 2013.
- Stadlbauer V, Steiner P, **Schweiger M**, Sereinigg M, Tscheliessnigg KH, Freidl W, Stiegler P. *Knowledge and attitude of ICU nurses, students and patients towards the Austrian organ donation law.* BMC Med Ethics 14:32, 2013.
- Stähli BE, Gebhard C, Biaggi P, Klaassen S, **Valsangiaco Buechel E, Attenhofer Jost CH**, Jenni R, Tanner FC, Greutmann M. *Left ventricular non-compaction: prevalence in congenital heart disease.* Int J Cardiol 167:2477-2481, 2013.
- Starke M, Kiechl-Kohlendorfer U, **Kucian K**, Pupp Peglow U, Kremser C, Schocke M, Kaufmann L. *Brain structure, number magnitude processing, and math proficiency in 6- to 7-year-old children born prematurely: a voxel-based morphometry study.* Neuroreport 24:419-414, 2013.
- Sterl E, Paul K, Paschke E, Zschocke J, Brunner-Krainz M, Windisch E, Konstantopoulou V, Möslinger D, Karall D, Scholl-Bürgi S, Sperl W, Lagler F, **Plecko B.** *Prevalence of tetrahydrobiopterine (BH4)-responsive alleles among Austrian patients with PAH deficiency: comprehensive results from molecular analysis in 147 patients.* J Inherit Metab Dis 36:7-13, 2013.
- Stettler S, El-Koussy M, Ritter B, **Boltshauser E**, Jeannet PY, Kolditz P, **Meyer-Heim A**, Steinlin M. *Non-traumatic spinal cord ischaemia in childhood - clinical manifestation, neuroimaging and outcome.* Eur J Paediatr Neurol 17:176-184, 2013.
- Strohrmann C, **Labruyère R, Gerber CN, van Hedel HJ**, Annrich B, Tröster G. *Monitoring motor capacity changes of children during rehabilitation using body-worn sensors.* J Neuroeng Rehabil 10:83, 2013.
- Stöwhas AC, Latshang TD, Lo Cascio CM, Lautwein S, Stadelmann K, Tesler N, Ayers L, Berneis K, Gerber PA, **Huber R, Achermann P**, Bloch KE, Kohler M. *Effects of acute exposure to moderate altitude on vascular function, metabolism and systemic inflammation.* PLoS One 8:e70081, 2013.
- Sulz MC, Siebert U, Arvandi M, Gothe RM, Wurm J, von Känel R, Vavricka SR, Meyenberger C, Sagmeister M (incl. **Braegger C**); Swiss IBD Cohort Study Group. *Predictors for hospitalization and outpatient visits in patients with inflammatory bowel disease: results from the Swiss Inflammatory Bowel Disease Cohort Study.* Eur J Gastroenterol Hepatol 25:790-797, 2013.
- Summar ML, Koelker S, Freedenberg D, Le Mons C, **Haberle J**, Lee HS, Kirmse B; European Registry and Network for Intoxication Type Metabolic Diseases [E-IMD]. *The incidence of urea cycle disorders.* Mol Genet Metabol 110:179-180, 2013.
- Tatton-Brown K, Murray A, Hanks S, Douglas J, Armstrong R, Banka S, Bird LM, Clericuzio CL, Cormier-Daire V, Cushing T, Flinter F, Jacquemont ML, Joss S, Kinning E, Lynch SA, Magee A, McConnell V, Medeira A, Ozono K, Patton M, Rankin J, Shears D, Simon M, Splitt M, Strenger V, Stuurman K, Taylor C, Titheradge H, Van Maldergem L, Temple IK, Cole T, Seal S (incl. **Plecko B**); Childhood Overgrowth Consortium, Rahman N. *Weaver syndrome and EZH2 mutations: Clarifying the clinical phenotype.* Am J Med Genet 161A:2972-2980, 2013.
- Tiemersma S, **Minocchieri S**, van Lingen RA, Nelle M, Devadason SG. *Vibrating membrane devices deliver aerosols more efficient than standard devices: a study in a neonatal upper airway model.* J Aerosol Med Pulm Drug Deliv 26:280-286, 2013.
- Tiringer K, Treis A, Fucik P, Gona M, Gruber S, Renner S, Dehlink E, Nachbauer E, Horak F, Jaksch P, Döring G, Cramer R, **Jung A**, Rochat MK, Hörmann M, Spittler A, Klepetko W, Akdis CA, Szépfalusi Z, Frischer T, Eiwegger T. *A Th17- and Th2-skewed cytokine profile in cystic fibrosis lungs represents a potential risk factor for Pseudomonas aeruginosa infection.* Am J Respir Crit Care Med 187:621-629, 2013.
- Tissot AC, Spohn G, Jennings GT, Shamshiev A, Kurrer MO, Windak R, Meier M, Viesti M, **Hersberger M**, Kündig TM, Ricci R, Bachmann MF. *A VLP-based vaccine against interleukin-1alpha protects mice from atherosclerosis.* Eur J Immunol 43:716-722, 2013.
- Torresani T, Fingerhut R, Rueegg CS, Gallati S, Kuehni CE, Baumgartner MR, Barben J**; Swiss CF Screening Group. *Newborn screening for cystic fibrosis in Switzerland--consequences after analysis of a 4 months pilot study.* J Cyst Fibros 12:667-674, 2013.
- Travaglioli L, Brancati F, Silhavy J, Iannicelli M, Nickerson E, Elkhartoufi N, Scott E, Spencer E, Gabriel S, Thomas S, Ben-Zeev B, Bertini E, **Boltshauser E**, Chaouch M, Cilio MR, de Jong MM, Kayserili H, Ogur G, Poretti A, Signorini S, Uziel G, Zaki MS; International JSRD Study Group, Johnson C, Attié-Bitach T, Gleeson JG, Valente EM. *Phenotypic spectrum and prevalence of INPP5E mutations in Joubert syndrome and related disorders.* Eur J Hum Genet 21:1074-1078, 2013.
- Turck D, Michaelsen KF, Shamir R, **Braegger C**, Campoy C, Colomb V, Decsi T, Domellöf M, Fewtrell M, Kolacek S, Mihatsch W, Moreno

LA, van Goudoever J. *World health organization 2006 child growth standards and 2007 growth reference charts: a discussion paper by the committee on nutrition of the European society for pediatric gastroenterology, hepatology, and nutrition*. J Pediatr Gastroenterol Nutr 57:258-264, 2013.

van der Linde D, Roos-Hesselink JW, Rizopoulos D, Heuvelman HJ, Budts W, van Dijk AP, Witsenburg M, Yap SC, **Oxenius A**, Silversides CK, Oechslin EN, Bogers AJ, Takkenberg JJ. *Surgical outcome of discrete subaortic stenosis in adults: a multicenter study*. Circulation 127:1184-1191, 2013.

van der Linde D, Andrinopoulou ER, Oechslin EN, Budts W, van Dijk AP, Pieper PG, Wajon EM, Post MC, Witsenburg M, Silversides CK, **Oxenius A**, Bogers AJ, Takkenberg JJ, Roos-Hesselink JW. *Congenital valvular aortic stenosis in young adults: predictors for rate of progression of stenosis and aortic dilatation*. Int J Cardiol 168:863-870, 2013.

van Geel N, Speeckaert R, Melsens E, **Toelle SP**, Speeckaert M, De Schepper S, Lambert J, Brochez L. *The distribution pattern of segmental vitiligo: clues for somatic mosaicism*. Br J Dermatol 168:56-64, 2013.

Van Mieghem T, Martin AM, **Weber R**, Barrea C, Windrim R, Hornberger LK, Jaeggi E, Ryan G. *Fetal cardiac function in recipient twins undergoing fetoscopic laser ablation of placental anastomoses for stage IV twin-twin transfusion syndrome*. Ultrasound Obstet Gynecol 42:64-69, 2013.

Versporten A, Sharland M, **Bielicki J**, Drapier N, Vankerckhoven V, Goossens H (incl. **Berger C**) for the ARPEC Project Group Members. *The antibiotic resistance and prescribing in European children project: A neonatal and pediatric antimicrobial web-based point prevalence survey in 73 hospitals worldwide*. Pediatr Infect Dis J 32:e242-e253, 2013.

Vlachopoulos L, **Huber H**, **Dierauer S**, **Ramsauer LE**. *Persisting growth after prophylactic single-screw epiphysiodesis in upper femoral epiphysis*. J Pediatr Orthop 33:816-820, 2013.

**von Allmen DY**, **Wurmitzer K**, **Martin E**, **Klaver P**. *Neural activity in the hippocampus*

*predicts individual visual short-term memory capacity*. Hippocampus 23:606-615, 2013.

**Voser EM**, **Kellenberger CJ**, **Buechel ER**. *Effects of pulmonary regurgitation on distensibility and flow of the branch pulmonary arteries in tetralogy of Fallot*. Pediatr Cardiol 34:1118-1124, 2013.

**Wälchli R**, **Theiler M**, **Neuhaus K**, **Weibel L**. *Kongenitale Nävi im Kindesalter*. Der Hautarzt 64:32-39, 2013.

Warmuth-Metz M, Bison B, **Gerber NU**, Pietsch T, Hasselblatt M, Frühwald MC. *Bone involvement in atypical teratoid/rhabdoid tumors of the CNS*. Am J Neuroradiol 34:2039-2042, 2013.

Weber B, Dijkman PE, Scherman J, Sanders B, Emmert MY, Grünenfelder J, Verbeek R, Bracher M, Black M, Franz T, Kortsmit J, Modregger P, Peter S, Stampanoni M, Robert J, Kehl D, van Doeselaar M, **Schweiger M**, Brokopp CE, Wälchli T, Falk V, Zilla P, Driessen-Mol A, Baaijens FP, Hoerstrup SP. *Off-the-shelf human decellularized tissue-engineered heart valves in a non-human primate model*. Biomaterials 34:7269-7280, 2013.

**Weber DM**, **Landolt MA**, **Gobet R**, Kalisch M, **Greeff NK**. *The penile perception score: an instrument enabling evaluation by surgeons and patient self-assessment after hypospadias repair*. J Urol 189:189-193, 2013.

Weiss GA, Troxler H, Klinke G, Rogler D, **Braegger C**, **Hersberger M**. *High levels of anti-inflammatory and pro-resolving lipid mediators lipoxins and resolvins and declining docosahexaenoic acid levels in human milk during the first month of lactation*. Lipids Health Dis 12:89, 2013.

**Weiss M**, **Dave M**, Bailey M, **Gysin C**, Hoeve H, Hammer J, Nicolai T, **Spielmann N**, **Gerber A**. *Endoscopic airway findings in children with or without prior endotracheal intubation*. Paediatr Anaesth 23:103-110, 2013.

Wiedemann MS, Wueest S, Item F, **Schoenle EJ**, **Konrad D**. *Adipose tissue inflammation contributes to short-term high-fat diet-induced hepatic insulin resistance*. Am J Physiol Endocrinol Metab 305:E388-395, 2013.

**Wilhelm I**, Rose M, Imhof KI, Rasch B, Büchel C, Born J. *The sleeping child outplays the adult's capacity to convert implicit into explicit knowledge*. Nat Neurosci 16:391-393, 2013.

**Wille DA**, Bozinov O, **Scheer I**, **Grotzer MA**, **Boltshauser E**. *Isolated intraspinal juvenile xanthogranuloma in an infant presenting as acute paraplegia*. Neuropediatrics 44:171-173, 2013.

Winkler J, Rand ML, **Schmugge M**, **Speer O**. *Omi/HtrA2 and XIAP are components of platelet apoptosis signalling*. Thromb Haemost 109:532-539, 2013.

Wortmann SB, Kluijtmans LA, Rodenburg RJ, **Sass JO**, Nouws J, van Kaauwen EP, Kleefstra T, Tranebjaerg L, de Vries MC, Isohanni P, Walter K, Alkuraya FS, Smuts I, Reinecke CJ, van der Westhuizen FH, Thorburn D, Smeitink JA, Morava E, Wevers RA. *3-Methylglutaconic aciduria--lessons from 50 genes and 977 patients*. J Inher Metab Dis 36:913-921, 2013.

Yammine S, **Singer F**, Abbas C, Roos M, Latzin P. *Multiple-breath washout measurements can be significantly shortened in children*. Thorax 68:586-587, 2013.

**Yu HC**, Sloan JL, Scharer G, Brebner A, Quintana AM, Achilly NP, Manoli I, Coughlin CR 2nd, Geiger EA, Schneck U, Watkins D, Suormala T, Van Hove JL, **Fowler B**, **Baumgartner MR**, Rosenblatt DS, Venditti CP, Shaikh TH. *An X-linked cobalamin disorder caused by mutations in transcriptional coregulator HCFC1*. Am J Hum Genet 93:506-514, 2013.

**Zeilhofer UB**, **Scheer I**, Warmuth-Metz M, Rushing EJ, Pietsch T, **Boltshauser E**, **Grotzer MA**, **Gerber NU**. *Natural history of a medulloblastoma: 30 months of wait and see in a child with a cerebellar incidentaloma*. Child's Nerv Syst 29:1207-1210, 2013.

Zimmermann AK, Imig J, **Klar A**, Renner C, Korol D, Fink D, Stadlmann S, Singer G, Knuth A, Moch H, Caduff R. *Expression of MAGE-C1/CT7 and selected cancer/testis antigens in ovarian borderline tumours and primary and recurrent ovarian carcinomas*. Virchows Arch 462:565-574, 2013.

## Originalarbeiten (nicht referiert)

Bzufka M, von Aster M. *Diagnostik von Rechenstörungen*. In: Rechenstörungen bei Kindern: Neurowissenschaft, Psychologie, Pädagogik. Hrsg. M. von Aster, L.J. Holger, Vandenhoeck & Ruprecht, Göttingen, 79-91, 2013.

Dickhaus S, Riedmüller S, Truninger R, Veraguth D, Bohlender J, Jenni O. *Entwicklung von Kindern nach Cochlea Implantation*. *Kinderärztliche Praxis* 84:212-217, 2013.

Grond U, Schweiter M, von Aster M. *Neuropsychologie kognitiver Zahlenrepräsentationen*. In: Rechenstörungen bei Kindern: Neurowissenschaft, Psychologie, Pädagogik. Hrsg. M. von Aster, L.J. Holger, Vandenhoeck & Ruprecht, Göttingen, 39-57, 2013.

Jung A. *Rehabilitation programmes and nutritional management*. In: *Handbook Paediatric Respiratory Medicine*. Hrsg. E. Eber, F.

Midulla. ERS. European Respiratory Society, Sheffield, 1. Aufl. 2013, 656-661, 2013.

Jung A, Spindler T. *Rehabilitation*. In: V. Mutius E, Gappa M, Eber E, Frey U (Hrsg.). *Pädiatrische Pneumologie*. Springer Verlag Heidelberg, 3. Aufl. 2013, 793-799, 2013.

Käser T, von Aster M. *Computerbasierte Lernprogramme für Kinder mit Rechenschwäche*. In: *Rechenstörungen bei Kindern: Neurowissenschaft, Psychologie, Pädagogik*. Hrsg. M. von Aster, L.J. Holger, Vandenhoeck & Ruprecht, Göttingen, 259-275, 2013.

Käser T, Busetto AG, Solenthaler B, Kohn J, Aster M, Gross M. *Cluster-based prediction of mathematical learning patterns*. In: *Artificial Intelligence in Education*. Eds. C.H. Lane, K. Yacef, J. Mostow, P. Pavlik. Springer Verlag Berlin, 389-399, 2013.

Kucian K. *Il cervello discalculico*. In: *Discalculia nei giovani adulti. Indicazioni e strumenti per uno studio Efficace*. Eds. E. Genovese, E.

Ghidoni, G. Guaraldi, Erickson, Trento, 29-38, 2013.

Kucian K, von Aster M. *Virtual dem Gehirn beim Rechnen zuschauen: Ergebnisse der funktionellen Bildgebung*. In: *Rechenstörungen bei Kindern: Neurowissenschaft, Psychologie, Pädagogik*. Hrsg. M. von Aster, L.J. Holger. Vandenhoeck & Ruprecht, Göttingen, 59-77, 2013.

Moeller A, Szczepanski R, Basek P, Paul-Buck KP, Jung A. *Asthma bronchiale. Praktische Pneumologie in der Pädiatrie – Therapie*. Hrsg. M. Griese, Th. Nicolai. Thieme Verlag, Stuttgart, 262-286, 2013.

von Aster M. *Wie kommen Zahlen in den Kopf und was kann sie daran hindern? Ein Modell der normalen und abweichenden Entwicklung zahlenverarbeitender Hirnfunktionen*. In: *Rechenstörungen bei Kindern: Neurowissenschaft, Psychologie, Pädagogik*. Hrsg. M. von Aster, L.J. Holger, Vandenhoeck & Ruprecht, Göttingen, 15-38, 2013.

## Weitere Beiträge (referiert)

Aalbers AM, van den Heuvel-Eibrink MM, de Haas V, Te Marvelde JG, de Jong AX, van der Burg M, Dworzak M, Hasle H, Locatelli F, De Moerloose B, Schmutge M, Stary J, Zecca M, Zwaan CM, van de Loosdrecht AA, van Dongen JJ, Niemeyer CM, van der Velden VH. *Applicability of a reproducible flow cytometry scoring system in the diagnosis of refractory cytopenia of childhood*. *Leukemia* 27:1923-1925, 2013.

Biedermann T, Boettcher-Haberzeth S, Reichmann E. *Tissue engineering of skin for wound coverage*. *Eur J Pediatr Surg* 23:375-382, 2013.

Blau N. *Sapropterin dihydrochloride for the treatment of hyperphenylalaninemia*. *Exp Opin Drug Metabol Toxicol* 9:1207-1218, 2013.

Chijioke O, Azzi T, Nadal D, Münz C. *Innate immune responses against Epstein Barr virus infection*. *J Leuko Biol* 94:1185-1190, 2013.

Engelhardt T, Weiss M. *Difficult mask ventilation and muscle paralysis*. *Anesthesiology* 118:994, 2013.

Guyer C, Jenni OG. *Sleep in neonates*. In: *Encyclopedia of sleep*. Ed. C.A. Kushida. Elsevier Science, Berlin, 581-585, 2013.

Heintz C, Cotton RG, Blau N. *Tetrahydrobiopterin, its mode of action on phenylalanine hydroxylase, and importance of genotypes for pharmacological therapy of phenylketonuria*. *Hum Mutat* 34:927-936, 2013.

Horst M, Madduri S, Gobet R, Sulser T, Milleret V, Hall H, Atala A, Eberli D. *Engineering functional bladder tissues*. *J Tissue Eng Regen Med* 7:515-522, 2013.

Jenni OG. *How Much Sleep Is "Normal" in Children and Adolescents?* *JAMA Pediatrics* 167:91-92, 2013.

Jung A. *Primäre Ziliendyskinesie – wann besteht Verdacht auf diese seltene Krankheit?* *Ard Medici* 11:14-17, 2013.

Jung A. *Primäre Ziliendyskinesie – wann besteht Verdacht auf diese seltene Krankheit?* *Pädiatrie* 4:29-32, 2013.

Kaufmann L, Mazzocco MM, Dowker A, von Aster M, Göbel SM, Grabner RH, Henik A, Jordan NC, Karmiloff-Smith AD, Kucian K, Rubinsten O, Szucs D, Shalev R, Nuerk HC. *Dyscalculia from a developmental and differential perspective*. *Front Psychol* 4:516, 2013.

Kisiel M, Klar AS, Martino MM, Ventura M, Hilborn J. *Evaluation of injectable constructs for bone repair with a subperiosteal cranial model in the rat*. *PLoS One* 8:e71683, 2013.

Kisiel M, Klar AS, Ventura M, Buijs J, Mafina MK, Cool SM, Hilborn J. *Complexation and sequestration of BMP-2 from an ECM mimetic hyaluronan gel for improved bone formation*. *PLoS One* 8:e78551, 2013.

Kizawa K, Unno M, Takahara H, Heizmann CW. *Purification and characterization of the human cysteine-rich S100A3 protein and its pseudo citrullinated forms expressed in insect*

cells. *Methods Mol Biol* 963:73-86, 2013.

Kucian K, Plangger F, O'Gorman R, von Aster M. *Operational momentum effect in children with and without developmental dyscalculia*. *Front Psychol* 4:847, 2013.

Liese J, Abele-Horn M, Beer M, Forster J, Heining U, Nadal D, Rose M, Scholz H. *Diagnose und Behandlung der Pneumonie im Kindesalter*. *Monatschr. Kinderheilkunde* 161:703-712, 2013.

Martin E, Werner B. *Focused ultrasound surgery of the brain*. *Curr Radiol Reports* 1:126-135, 2013.

Meuli M, Moehrlen U. *Fetal surgery for myelomeningocele: a critical appraisal*. *Eur J Pediatr Surg* 23:103-109, 2013.

Meuli M, Moehrlen U, Flake A, Ochslein N, Huestler M, Biro P, Scheer I, Tharakan S, Dürig P, Zimmermann R. *Fetal surgery in Zurich: key features of our first open in utero repair of myelomeningocele*. *Eur J Pediatr Surg* 23:494-498, 2013.

Plecko B. *Peter-Emil-Becker-Price 2012*. *Neuropediatrics* 44:59, 2013.

Poretti A, Benson JE, Huisman TA, Boltshauser E. *Acute ataxia in children: approach to clinical presentation and role of additional investigations*. *Neuropediatrics* 44:127-141, 2013.

Poretti A, Boltshauser E. *Letter to the editor. Dominantly inherited nonprogressive cerebellar hypoplasia identified in utero: a note of doubt*. *J Child Neurol* 28:278, 2013.

**Poretti A**, Blaser SI, Lequin MH, Fatemi A, Meoded A, Northington FJ, **Boltshauser E**, Huisman TA. *Neonatal neuroimaging findings in inborn errors of metabolism*. J Magn Reson Imaging 37:294-312, 2013.

**Rutishauser C**. *Selbstmanagement und Compliance fördern. Aufbau einer therapeutischen Allianz in der Adoleszentenprechstunde*. Pädiatrie 2:11-16, 2013.

**Rutishauser C**. *Adoleszentenmedizin: eine bereichernde Herausforderung in der Praxis*. Praxis 102:1105-1109, 2013.

**Schäfer BW**, Koscielniak E, Kovar H, Fulda S. *ESF-EMBO Symposium "Molecular Biology and Innovative Therapies in Sarcomas of Childhood and Adolescence" Sept 29-Oct 4, Polonia Castle Pultusk, Poland*. Front Oncol 3:142, 2013.

Schaub MC, **Heizmann CW**. *Calcium in Health and Disease*. In: Encyclopedia of Metalloproteins. Eds. R. U. Kretsinger, V.N. Uversky, E.A. Permyakov, Springer Verlag Berlin, 444-457, 2013.

Schlapbach LJ, Ersch J, **Balmer C**, Prêtre R, Tomaske M, Caduff R, Morwood J, Proven-

zano S, Stocker C. *Enteroviral myocarditis in neonates*. J Paediatr Child Health 49:E451-454, 2013.

Schulte-Körne G, **von Aster M**. *Forschungsförderung tut Not! Lernen und Lernstörungen* 2:197-198, 2013.

**Schweiger M**, Dave H, Kelly J, Hübler M. *Strategic and operational aspects of a transfusion-free neonatal arterial switch operation*. Interact Cardiovasc Thorac Surg 16:890-891, 2013.

**Shalaby T**, **Fiaschetti G**, Nagasawa K, Shin-Ya K, **Baumgartner M**, **Grotzer M**. *G-quadruplexes as potential therapeutic targets for embryonal tumors*. Molecules 10:12500-12537, 2013.

Stocker M, **Berger C**, McDougall J, Giannoni E; Taskforce for the Swiss Society of Neonatology and the Paediatric Infectious Disease Group of Switzerland. *Recommendations for term and late preterm infants at risk for perinatal bacterial infection*. Swiss Med Weekly 143:w13873, 2013.

Stocker R, Berner M, Binet M, Bürgi U, Fischer J, Grob D, Hager U, Kätterer C, Kind

C, Ricou B, Salaté M, Wildi S, **Frey B**, Hoff P, Krones T, Scheidegger D, Siegmund M, Stuck A, Weiss P, Zürcher-Zenklusen R. *Intensivmedizinische Massnahmen. Medizinethische Richtlinien und Empfehlungen der SWAMW*. SÄZ 24:917-933, 2013.

**Testler N**, Gerstenberg M, **Huber R**. *Developmental changes in sleep and their relationships to psychiatric illnesses*. Curr Opin Psychiatry 26:572-579, 2013.

Tritschler T, **Frey B**. *Is the number of drugs independently associated with mortality?* Intensive Care Med 39:2060-2062, 2013.

**van Hedel HJ**. *Editorial note on: agreement of repeated motor and sensory scores at individual myotomes and dermatomes in young persons with spinal cord injury*. Spinal Cord 51:82, 2013.

**von Aster M**, **Kucian K**. *Diagnosen bezeichnen immer nur Modelle von der Wirklichkeit*. Lernen und Lernstörungen 2:255-257, 2013.

**Weiss M**, Bissonnette B, Engelhardt T, Soriano S. *Anesthetists rather than anesthetics are the threat to baby brains*. Paediatr Anaesth 23:881-882, 2013.

## Weitere Beiträge (nicht referiert)

Beetz R, Berner R, Kuwertz-Bröking E, **Nadal D**, Roos R, Rösch W, Wagenlehner F, Weber L. *Harnwegsinfektionen*. In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Bortenschlager, **D. Nadal** et al. Georg Thieme Verlag, Stuttgart, 688-700, 2013.

**Berger C**. *Nosokomiale Infektionen der Atemwege*. In: Pädiatrische Pneumologie. Hrsg. E. von Mutius, M. Gappa, E. Eber, U. Frey. Springer Verlag, Berlin, 493-498, 2013.

**Berger C**. *Pleuropneumonie*. In: Pädiatrische Pneumologie. Hrsg. E. von Mutius, M. Gappa, E. Eber, U. Frey. Springer Verlag, Berlin, 461-466, 2013.

**Berger C**, Forster J, Liese JG. *Infektiöse Rhinitis sowie akute Sinusitis*. In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Bortenschlager, **D. Nadal** et al. Georg Thieme Verlag, Stuttgart, 607-612, 2013.

**Berger C**, Rudin C, **Gobet R**, Niederer A, Posfay-Barbe K, **Laube G**, Agyeman P, Giardin E. *Diagnose und Behandlung von Harnwegsinfektionen beim Kind*. Paediatrica 24:10-13, 2013.

**Berger C**, Giannoni E, McDougall J, Stocker

M. *Empfehlungen zur Prävention und Therapie von Termin- und knapp frühgeborenen Kindern (>34 SSW) mit erhöhtem Risiko einer perinatalen bakteriellen Infektion (early-onset Sepsis)*. Paediatrica 24:11-13, 2013.

**Blau N**, Opladen T. *Tetrahydrobiopterin deficiencies and epilepsy*. In: Inherited Metabolic Epilepsies. Ed. P.L. Pearl. Demos Medical Publishing, New York, 159-166, 2013.

Borte M, **Berger C**, Bruns R, Höhne M. *Norovirusinfektionen*. In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Bortenschlager, **D. Nadal** et al. Georg Thieme Verlag, Stuttgart, 416-417, 2013.

**Braegger CP**. *Erkrankungen des Dickdarms*. In: Pädiatrie. Hrsg. C. Speer, M. Gahr, Springer Verlag Heidelberg, 4. Auflage, 587-591, 2013.

Cohen KR, Dowker A, Heine A, Kaufmann L, **Kucian K**. *Interventions for improving numerical abilities: Present and future*. Trends in Neuroscience and Education 2:85-93, 2013.

Ehl S, Liese JG, **Nadal D**. *Das infektfällige Kind*. In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Bortenschlager, **D. Nadal** et al. Georg Thieme Verlag, Stuttgart, 701, 2013.

Engelhardt T, Machotta A, **Weiss M**. *Manage-*

*ment strategies for the difficult paediatric airway*. Trends Anaesth Crit Care 3:183-187, 2013.

Friedt M, **Braegger CP**. *Morbus Crohn*. In: Pädiatrische Gastroenterologie. Hrsg. B. Rodeck, K.P. Zimmer, Springer Verlag Heidelberg, 2. Auflage, 333-361, 2013.

Heininger U, Abele-Horn M, Jacobs E, **Nadal D**. *Mykoplasmeninfektionen*. In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal**. Georg Thieme Verlag, Stuttgart, 410-412, 2013.

Heininger U, **Berger C**, Bruns R, Knuf M, Liese JG, Zenz W, Zepp F. *Schutzimpfungen*. In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal**. Georg Thieme Verlag, Stuttgart, 35-43, 2013.

Höger P, **Berger C**, Deléré Y, Hillemanns P. *Papillomvirusinfektionen*. In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal**. Georg Thieme Verlag, Stuttgart, 418-421, 2013.

**Jenni OG**. *Die Kontroverse um ADHS oder warum schaffen wir Diagnosen nicht einfach ab?* Ergotherapie 6:6-7, 2013.

**Jenni OG**. *Die Rolle der Kindermedizin in der frühkindlichen Bildung*. In: Handbuch Früh-

kindliche Bildungsforschung. Ed. M. Stamm, D. Edelmann. VS Verlag für Sozialwissenschaften, Wiesbaden, 115-121, 2013.

**Jenni OG.** *Wie die Kinder die Welt abbilden – was man daraus folgern kann.* Pädiatrie up2date 3:227-253, 2013.

**Jenni OG, Benz C, Caflisch J,** von Rhein M, Albermann K. *Entwicklungsstörungen im Vorschulalter: interdisziplinär beurteilt.* Ther Umsch 70:637-645, 2013.

Kaufmann L, **von Aster M.** *Geistig fit im Alter?* Lernen und Lernstörungen 2:129-130, 2013.

Lehrnbecher T, **Berger C,** Beutel K, Dornbusch HJ, Groll AH, Kontny U, Laws HJ, Simon A. *Infektionen bei pädiatrisch-onkologischen Patienten.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 705-715, 2013.

Liese JG, Abele-Horn M, Forster J, **Nadal D.** *Pneumonie.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 626-632, 2013.

Liese JG, **Berger C,** Berner R, Forster J, Luckhaupt H, Scholz H. *Akute Otitis media sowie Mastoiditis.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 612-620, 2013.

Magdorf K, Bialek R, Detjen AK, **Nadal D.** *Tuberkulose und nichttuberkulöse mykobakterielle Krankheiten.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 551-570, 2013.

**Moeller A.** *Pneumonie und Pleuropneumonie.* In: Pädiatrische Pneumologie. Hrsg. V. Mutius E, Gappa M, Eber E, Frey U. Springer Verlag, Heidelberg, 3. Aufl. 444-466, 2013.

Müller FM, Bend J, Rietschel E. Co-Autoren: Abele-Horn M, Ballmann M, Bargon J, Baumann I, Bremer W, Bruns R, Brunsmann J, Fischer R, Geidel C, Hebestreit H, Hirche TO, Hogardt M, Huttegger I, Illing S, Koitschev A, Kohlhäufel M, Mahlberg R, Mainz JG, **Möller A,** Pfeiffer-Auler J, Puderbach M, Riedler J, Schulte-Hubbart B, Schwarz C, Sedlacek C, Sitter H, Smaczny Ch, Staab D, Tümmeler B, Vonberg R-P, Wagner TOF, Zerlik J. *S3 - Leitlinie «Lungenerkrankung bei Mukoviszidose», Modul 1: Diagnostik und Therapie nach dem ersten Nachweis von Pseudomonas aeruginosa.* 026-022 – S3-Leitlinie: Lungenerkrankung bei Mukoviszidose – Modul 1 06/2013.

Naehrlich L, Stuhmann-Spangenberg M, Barben J, Bargoni J, Blankenstein O, Bremern

W, Brunsmann F, Buchholz T, Ellemunter H, Fusch C, Gembruch U, Hammermann J, Jacobeit J, **Jung A,** et al. *S2-Konsensus-Leitlinie «Diagnose der Mukoviszidose» (AWMF 026-023) unter Federführung der Gesellschaft für Pädiatrische Pneumologie.* Juni 2013. <http://www.awmf.org/leitlinien/detail/ll/026-023.html>.

**Nadal D, Niggli F, Seger R.** *In memory of Prof. Dr. med Walter H. Hitzig: A pioneer of paediatrics and paediatric immunology.* Eur J Pediatr 172:287-288, 2013.

**Nadal D, Berger C.** *Bakterielle Infektionen.* In: Lehrbuch Pädiatrie. Hrsg. C.P. Speer, M. Gahr, Springer Verlag, Heidelberg, 341-412, 2013.

**Nadal D, Dehio C, Kempf V.** *Bartonellose.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 166-168, 2013.

**Nadal D,** Schrotten H. *Nocardiosen.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 413-415, 2013.

**Nadal D,** Schuster V. *Virostatika.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 109-114, 2013.

**Natalucci G, Schneider M, Werner H, Caflisch JA,** Bucher HU, **Jenni OG, Latal B.** *Development of neuromotor functions in very low birth weight children from six to 10 years of age: patterns of change.* Acta Paediatr 102:809-814, 2013.

Nicolai T, **Berger C,** Heiniger U. *Epiglottitis.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 620-624, 2013.

Niehues T, Borte M, Dueckers G, **Nadal D,** Schulze I. *Passive Immuntherapie und -prophylaxe.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 44-47, 2013.

**Rutishauser C.** *Förderung der Compliance bei Jugendlichen mit chronischer Krankheit (Übersicht). Enhanced adherence in adolescents with chronic disorders.* Pädiatrische Praxis 81:109-11, 2013.

**Sass JO, Plecko-Startinig B.** *Sulfite oxidase deficiency / Molybdenum cofactor deficiency and epilepsy.* In: Inherited Metabolic Epilepsies. Ed. P.L. Peral. Demos Medical Publishing, New York, 247-252, 2013.

Schrotten H, Adam R, **Berger C,** Rüggeberg J, Schaad UB, Tenenbaum T. *Bakterielle Meningitis, Hirnabszess und intrakraniales Empyem.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 727-736, 2013.

Schuster V, Bühler C, Hamprecht K, Müller A, **Nadal D.** *Zytomegalovirusinfektionen.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 599-603, 2013.

Schuster V, Korn K, **Nadal D,** Wagner HJ. *Epstein-Barr-Virus-Infektionen.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 249-251, 2013.

Schuster V, **Nadal D.** *Humanes-Herpesvirus-Typ-6- und -Typ-7- und -Typ-8-Infektionen.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 332-337, 2013.

Schuster V, **Nadal D,** Roos R, Sauerbrei A. *Herpes-simplex-Virus-Infektion.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 308-313, 2013.

Simon A, **Berger C,** Bruns R, Heiniger U. *Multiresistente Erreger.* In: DGPI Handbuch: Infektionen bei Kindern und Jugendlichen. Hrsg. R. Berner, R. Bialek, M. Borte, **D. Nadal.** Georg Thieme Verlag, Stuttgart, 66-76, 2013.

**von Aster M,** Käser T, **Kucian K,** Gross M. *Calcularis - Rechenschwäche mit dem Computer begegnen.* In: Schweizerische Zeitschrift für Heilpädagogik 24-26, 2013.

**Weiss M,** Tomaske M. *Lebensbedrohlicher respiratorischer Notfall – Akute Fremdkörperverlegung der Atemwege bei Kindern.* Pädiatrie hautnah 3:196-202, 2013.

**Werner H, Jenni OG.** *Sleep in children.* In: Encyclopedia of sleep. C.A. Kushida. Elsevier Science, Berlin, 600-603, 2013.

## Monographien

Jaecklin T, **Klauwer D**, Riedel T. Experten-gruppe D: Bachmann D, **Frey B**, Hutter D, Wagner B. *The Swiss Donation Pathway: Modul 4: Behandlung des pädiatrischen Spenders*. Swisstransplant/CNDO 2013.

John EW, **Khan N**, Zabramski JM, Spetzler RF. *Moyamoya disease: diagnosis and treatment*. Thieme Verlag, Stuttgart, 2013.

**Klauwer D**, Neuhäuser C, Thul J, Zimmermann R. *Pädiatrische Intensivmedizin – Kinderkardiologische Praxis. Lehrbuch und Praxisleitfaden*. Deutscher Ärzte-Verlag, Köln, 2013.

**von Aster M**, Holger LJ. *Rechenstörungen bei Kindern*. Neurowissenschaft, Psychologie, Pädagogik. Vandenhoeck & Ruprecht Göttingen, 2013.

**von Aster M**, Weinhold-Zulauf M, Horn R. ZAREKI-R-NL: *Neuropsychologische Test-batterij voor Getalverwerking en Rekenen bij Kinderen*. Amsterdam, 2013.

## Publikationen in elektronischer Form

Engelhardt M, Eber SW, Germing U, Heimpel H, Kern W, **Schmugge M**. *Prävention von Infektionen und Thrombosen nach Splenektomie oder funktioneller Asplenie*. DGHO 1-13, 2013.

**Hasters P**, Meyer-Schiffer P, Hagmann C, **Schmugge M**. *Neonatal autoimmune thrombocytopenia*. Schweizerische Gesellschaft für Neonatologie 10:1, 2013.

**von Aster M**, Käser T, Vögeli C, Ringwald M, Gross M. *Calcularis: Lernsoftware für Zahlenverarbeitung und Rechnen*. Verlag Dybuster, Zürich, 2013.

## Herausgeberschaft wissenschaftlicher Werke

Haiech J, **Heizmann CW**, Krebs J. *12th European Symposium on Calcium*. Elsevier, San Diego 2013.

**Heizmann CW**. *Calcium-Binding Proteins and RAGE: From Structural Basics to Clinical Applications*. Springer Science and Business Media, New York, 2013.

Kaufmann L, **von Aster M**. *Lernen und Lernstörungen*. Verlag Hans Huber Bern, 2013.

## Habilitationen

**O'Gorman R**. *Quantitative perfusion measurement with Magnetic Resonance Imaging*. Medizinische Fakultät, Universität Zürich, 2013.

**Schmitz A**. *Preoperative fastening and gastric emptying in paediatric anaesthesia – an investigation based on magnetic resonance imaging*. Medizinische Fakultät, Universität Zürich, 2013.

**Tchinda Ndjuikem J**. *Detektion genetischer Imbalancen in hämatologischen Neoplasien mit der Matrix-Comparativen Genomischen Hybridisierung*. Medizinische Fakultät, Universität Zürich, 2013.

## Dissertationen

**Bachmann MD**. *Die körperliche Leistungsfähigkeit der CF-Patientinnen und -Patienten des Kinderspitals Zürich*. Leiter PD Dr. A. Möller. Diss Zürich, 2013.

**Benitez B**. *Brainstem tumours in children: consecutive case series of 42 patients*. Leiter Prof. M. Grotzer, PD Dr. techn. J. Sarthain. Diss Zürich, 2013.

**Bertholdt SC**. *Cerebral lesions on magnetic resonance imaging correlate with preoperative neurological status in neonates undergoing cardiopulmonary bypass surgery*. Leiter PD Dr. W. Knirsch, Frau PD Dr. B. Latal. Diss. Zürich, 2013.

**Fahrni SC**. *Analyse der körperlichen Leistungsfähigkeit von Cystische Fibrose-Patienten und Effekte eines Trainings*. Leiter PD Dr. A. Möller. Diss. Zürich, 2013.

**Guggenheim RR**. *Assessing asthma control in children: how reliable are reported exercise-related symptoms for predicting exercise-induced bronchoconstriction?* Leiter PD Dr. A. Möller. Diss. Zürich, 2013.

**Hänseler W**. *Development of a silencing resistant myelospesific next generation gene therapy vector for gene therapy of the p47phox-deficient form of chronic granulomatous disease*. Leiter Dr. sc. nat. U. Siler. Diss Zürich, 2013.

**Herova M**. *Role of ChemR23 signaling in inflammation*. Leiter Dr. T. Hennet, Prof. M. Hersberger, Dr. M. Kropf, Dr. W. Berger. Diss. Zürich, 2013.

**Hofmann J**. *Kognitive Leistung, Schulerfolg, Verhalten und Lebensqualität ehemaliger Frühgeborener in der Pubertät*. Leiter Frau PD Dr. B. Latal, Dr. G. Natalucci. Diss Zürich, 2013.

**Hösl D**. *Weiterführend Diagnostik bei kongenitalen Herzfehlern – eine Europäische multizentrische Umfrage*. Leiterin Frau

Prof. E. Valsangiacomo. Diss. Zürich, 2013.

**Kapoor S**. *Die Anwendung von Osmose-Ex-pandern bei Kindern*. Leiter PD Dr. C. Schiestl, Frau Dr. S. Böttcher-Haberzeth. Diss. Zürich, 2013.

**Knauth BA**. *Vergleich von Antibeschlagmethoden in der Endoskopie. Was wirklich hilft*. Leiter PD Dr. T. Haas. Diss. Zürich, 2013.

**L'Abate P**. *Determinants of plasma copeptin: a systematic investigation in a pediatric mechanical ventilation model*. Leiter Dr. V. Cannizzaro. Diss. Zürich, 2013.

**Landolt BK**. *Skin disorders encountered in a Swiss pediatric emergency department*. Leiterin Frau Dr. L. Weibel. Diss. Zürich 2013.

**Loibl S**. *Long-term follow-up and outcome of phenylketonuria patients on sapropterin: a retrospective study*. Leiter Prof. Dr. phil. II N. Blau. Diss. Zürich, 2013.

**Mirowska P**. *Chemoproteomic cell surface mapping for the detection of disease associated features in childhood acute lymphoblastic leukemia*. Leiter Dr. R. Aebersold, PD Dr. J.P. Bourquin, Dr. B. Wollscheid, Dr. B. Bornhauser. Diss. Zürich, 2013.

**Müller CS**. *Primary correction of total anomalous pulmonary venous return with a modified sutureless technique*. Leiter Prof. R. Prêtre. Diss. Zürich, 2013.

**Plesko-Altermatt N**. *Acute hematogenous osteomyelitis in children: review of 50 cases at the University Children's Hospital Zurich*. Leiter Prof. C. Berger. Diss. Zürich, 2013.

**Schaefer CJ**. *Neurodevelopmental outcome, psychological adjustment, and quality of life in adolescents with congenital heart disease*. Leiter Frau PD Dr. B. Latal, Dr. M. von Rhein. Diss. Zürich, 2013.

**Voser EM**. *Effects of pulmonary regurgitation on distensibility and flow of the branch pulmonary arteries in tetralogy of Fallot*. Leiterin Frau Prof. E. Valsangiacomo. Diss. Zürich, 2013.

**Walter M**. *Intrathecal baclofen therapy in children with severe spasticity: outcome and complications*. Leiter PD Dr. A. Meyer-Heim. Diss. Zürich, 2013.

**Wehrmüller M**. *TLR9 triggering-induced suppression of Epstein-Barr virus lytic reactivation in Burkitt's lymphoma cells requires the full-length episome and is associated with histone modifications on Zp promoter*. Leiter Prof. D. Nadal. Diss. Zürich, 2013.

**Weiss A**. *Protective action of maternal milk in gastrointestinal physiology*. Leiter Dr. T. Hennet, Prof. M. Hersberger, Dr. G. Rogler, Dr. B. Lubor. Diss. Zürich, 2013.

**Wüst S.** *The Role of the Second 15-Lipoxygenase, ALOX15B, in Atherosclerosis: a Genetic Approach.* Leiter Dr. T. Hennet, Prof. M. Hersberger, Prof. A. von Eckardstein. Diss. Zürich, 2013.

**Zimmermann MR.** *Positive effect of a simplified diet on blood phenylalanine control in different phenylketonuria variants, characterized by newborn BH, loading test and PAH analysis.* Leiterin Frau Dr. M. Rohrbach. Diss. Zürich, 2013.

## Masterarbeiten

**Aellen R.** *Sleep slow wave activity in children with attention-deficit/hyperactivity disorder.* Leiter Prof. R. Huber. Mathematisch-Naturwissenschaftliche Fakultät, 2013.

**Aeppli A.** *Influence of regular and long-term caffeine consumption on sleep and topography of slow wave activity in adolescents.* Leiter Prof. R. Huber. Mathematisch-Naturwissenschaftliche Fakultät, 2013.

**Blass J.** *Häufigkeit einer Ketoazidose bei Erstmanifestation eines Diabetes mellitus Typ 1 bei Kindern in der Universitäts-Kinderklinik Zürich in Abhängigkeit des Alters.* Leiter Prof. Dr. D. Konrad, Medizinische Fakultät, 2013.

**Bösch A.** *Micro RNA profiling in sickle cell disease patients with and without hydroxy urea therapy.* Leiter PD Dr. M. Schmugge. Medizinische Fakultät, 2013.

**Böttger K.** *Schlafabhängige Leistungssteigerung bei Kindern und Jugendlichen mit einer ADHS Aufmerksamkeitsdefizit- Hyperaktivitätsstörung.* Leiter Prof. R. Huber. Medizinische Fakultät, 2013.

**Bühler N.** *Neurophysiologische Korrelate des deklarativen Gedächtnisses - eine Schlafstudie.* Leiter Prof. R. Huber. Philosophische Fakultät, 2013.

**Caminada P.** *The Role of the Inducible Nitric Oxide Synthase in Asthma.* Leiter Prof. M. Hersberger. Medizinische Fakultät, 2013.

**Danioth I.** *Die Motorische Aktivität von der Geburt bis ins Erwachsenenalter - Einfluss von Body-Mass-Index, Temperament, Neuromotorik und Chronotypus.* Leiter Prof. O. Jenni. Medizinische Fakultät, 2013.

**Dreiding S.** *Identification of exon 3 deletion in the phenylalanine hydroxylase gene in a phenylketonuria patient with incomplete genetic analysis using multiplex ligation-dependent probe amplification.* Leiter Prof. B. Thöny. Medizinische Fakultät, 2013.

**Feierabend A.** *Changes in muscle coactivation and their association with changes in various*

*balance measures during paediatric neuro-rehabilitation.* Leiter PD Dr. H. van Hedel. ETH Zürich, 2013.

**Frischknecht A.** *Unplanned intensive care unit-admissions from the ward.* Leiter Prof. B. Frey. Medizinische Fakultät, 2013.

**Graf J.** *Die Motorische Aktivität von der Geburt bis ins Erwachsenenalter - Einfluss von Alter, Geschlecht und sozio-ökonomischen Status.* Leiter Prof. O. Jenni. Medizinische Fakultät, 2013.

**Grob A.** *The Role of Interleukin 6 in Adipocyte Metabolism.* Leiter Prof. D. Konrad, Frau Prof. C. Spengler. ETH Zürich, 2013.

**Häfliger N.** *Requirements of children with brain lesions to train arm movements with an interactive therapy system.* Leiter PD Dr. H. van Hedel. ETH Zürich, 2013.

**Kugler MJ.** *Evaluating the Rey-Osterrieth Complex Figure Test in adolescent patients with congenital heart disease: Differential sensitivity of scoring methods.* Leiterin Frau PD Dr. B. Latal. Medizinische Fakultät, 2013.

**Laubscher D.** *Polo-like kinase 1 mediated phosphorylation regulates PAX3/FOXO1 in alveolar rhabdomyosarcoma.* Leiter Prof. B. Schäfer, Prof. T. Hennet, Frau V. Thalhammer. Universität Zürich, 2013.

**Lee G.** *On the Linear and Nonlinear Temporal Analysis of the Electroencephalogram in Healthy Adults and Adolescents.* Leiter Prof. R. Huber. ETH Zürich, 2013.

**Lienhard U.** *Bestimmung der Aminoacylase-1-Aktivität - Etablierung eines einstufigen Tests und seine Anwendung auf Lymphozyten-Homogenate und Serum-Proben.* Leiter Prof. J.O. Sass. Medizinische Fakultät Freiburg i. B., 2013.

**Loretz C.** *The origin of plasma chemerin in coronary artery disease (CAD) patients not undergoing aspirin treatment.* Leiter Prof. M. Hersberger. Naturwissenschaftliche Fakultät, 2013.

**Marsico P.** *What about neurodynamics? Relationship between the straight leg raise, muscle strength and motor performance in children with cerebral palsy.* Leiter PD Dr. H. van Hedel. Universität Bern, 2013.

**Marty J.** *Investigation of the signalling pathway linking TLR9 triggering to suppression of EBV lytic reactivation.* Leiter Prof. D. Nadal. Mathematisch-Naturwissenschaftliche Fakultät, 2013.

**Müller M.** *Functional characterization of Nanog, Oct4, and Sox2 genes in alveolar rhabdomyosarcoma.* Leiter Prof. B. W. Schäfer, Prof. T. Hennet, Frau Dr. E. Casanova. Universität Zürich, 2013.

**Nurhak D.** *Regulation of the Stem Cell Compartment in Embryonal Rhabdomyosarcoma.* Leiter Prof. B. Schäfer, Prof. T. Hennet, Frau S. Satheesha. Universität Zürich, 2013.

**Payette K.** *Precision and Accuracy of GABA-edited MR Spectroscopic Imaging.* Leiter Prof. K. Prüssmann, Frau PD Dr. R. O'Gorman Tuura. ETH Zürich, 2013.

**Peng C.** *Age-dependent innate immune response during Epstein-Barr virus infection.* Leiter Prof. D. Nadal. ETH Zürich, 2013.

**Pfeiffer K.** *Ketonkörperstoffwechsel und männliche Infertilität.* Leiter Prof. J. O. Sass. Medizinische Fakultät Freiburg i.B., 2013.

**Rothfuchs I.** *A Sleep Study on the Effects of Chronic Social Defeat: A Mouse Model for Depressive Disorders.* Leiter Prof. R. Huber. Mathematisch-Naturwissenschaftliche Fakultät, 2013.

**Schindler V.** *Chirurgische Techniken zur Korrektur der Fallot Tetralogie, retrospective Fallserienstudie.* Leiterin Frau Prof. E. Valsanjiacomo. Medizinische Fakultät, 2013.

**Schumacher A.** *Susceptibility of epithelial AGS cells to infection by cell-free Epstein-Barr virus mimicking in vivo conditions and establishment of a primary epithelial cell model.* Leiter Prof. D. Nadal. ETH Zürich, 2013.

**Schäfer S.** *Molecular analysis of the human phenylalanine hydroxylase (PAH) in PUK patients with incomplete diagnosis Investigations on EBV-transformed B-lymphocytes by taking advantage of the "illegitimate" transcription of the PAH gene.* Leiter Prof. B. Thöny. Humanbiologie, Universität Zürich, 2013.

**Stebler N.** *Changes in leg muscle activity in children with neurological gait impairments when reducing the guidance force while walking in a driven gait orthosis.* Leiter PD Dr. H. van Hedel. ETH Zürich, 2013.

**Sticher B.** *Infektionsschutz- und Hygienemassnahmen in Kindertagesstätten der Stadt Zürich - Eine explorative Studie.* Leiter Prof. C. Berger. Medizinische Fakultät, 2013.

**von Ehrenberg G.** *Effect of an elastic trunk brace on movements of the upper limbs in children with congenital or acquired brain injury.* Leiter PD Dr. H. van Hedel. ETH Zürich, 2013.

**Wehrli E.** *Eine Fragebogenstudie zur Zukunft der Praxispädiatrie in der Schweiz Teil 2: Erhebung bei den Spitalpädiatern.* Leiter Prof. O. Jenni. Medizinische Fakultät, 2013.

**Wipf A.** *Hat Höhe einen Einfluss auf das Lernen?.* Leiter Prof. R. Huber. Medizinische Fakultät, 2013.

# Preise und Ehrungen

**Boltshauser Eugen**, Neurologie

**Verleihung der Cornelia de Lange Medaille**

anlässlich der Jahrestagung der Niederländischen Kinderneurologen vom 22. November 2013 in Amsterdam für seine Verdienste in der Neuropädiatrie sowie seine Forschungsarbeiten auf dem Gebiet cerebellärer Erkrankungen

**Böttcher-Haberzeth Sophie**, Chirurgie

**1. Preis des Prix NachwuCHs** anlässlich des

Jahreskongresses der Schweizerischen Gesellschaft für Kinderchirurgie, 2013

Titel: «Rebuild, Restore, Reinnervate – Do human tissue engineered dermoepidermal skin analogs attract host nerve fibers for innervation?»

**Fingerhut Ralph**, Stoffwechselabteilung

**Posterpreis** anlässlich der Jahrestagung der Deutschen Gesellschaft für Neugeborenen-Screening 2013, Fulda, 6. – 9. März 2013  
Pilotprojekt Neugeborenen-Screening in Guatemala – Erste Erfahrungen mit dem Neoplex4-Testkit von Luminex

**Knirsch Walter** et al., Forschergruppe Herz und Hirn

Posterpreis. 1. Preis anlässlich des 47. Jahrestreffen der Association for European Paediatric and Congenital Cardiology (AEPC), London, 22. – 25. Mai 2013.

Titel: «Brain volumetry in infants with congenital heart disease: pre- and postoperative assessments using cerebral MRI compared to healthy controls»

**Minocchieri Stefan**

**Clinical Research Award** der American Society for Pediatric Research für die Arbeit "Nebulized Surfactant for Treatment of Respiratory Distress in the First Hours of Life: The Cure-Neb Study. Washington, 6. Mai 2013

**Pachlopnik Jana**, Immunologie

**Walter Hitzig Preis 2013** für die Arbeit «Polymerase  $\epsilon$ 1 mutation in a human syndrome with facial dysmorphism, immunodeficiency, livedo, and short stature (FILLS syndrome)»

**Reichenbach Janine**, Immunologie

**Best presentation award** anlässlich des EAACI Kongresses (European Academy of Allergy and Clinical Immunology), Mailand, 22. – 26. Juni 2013 für den Vortrag zur Gentherapie bei CGD

**Schwizer Simone**, Zentrum für MR-Forschung  
**Preis der Universität Zürich** für Lizentiatsarbeit, 2013

Titel: «Diffusion tensor imaging in children with developmental dyscalculia»

**Tölle Sandra**, Neurologie

**Videopreis** der Jury anlässlich der 3-Ländertagung der Internationalen Liga gegen Epilepsie, Interlaken 8. – 13. 5. 2013 für das Video des Patient mit Folatrezeptordefekt Typ 1

**Vicelli Hiu Man**, Stoffwechsel

**Innovation Meldung** im Jahresbericht 2012

**Publikation** in der Zeitschrift «Hepatology»

Titel: «Treatment of phenylketonuria using minicircle-based naked-DNA gene transfer to murine liver»

**Weber Andreas**, Chirurgie

**Gong Show Award**, beste wissenschaftliche Publikation anlässlich des 47. Jahreskongresses der Schweizerischen Gesellschaft für Handchirurgie (SGH), Biel, 14. – 15. November 2013