



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)

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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-*

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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 ϵ 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