

PROGRAMME:

Wednesday 29th November 2006

Swiss Paediatric Respiratory Research Group

19.00: **Dinner and Award presentation**

Thursday 30th November 2006

08.00-08.10: **Introduction**

Jürg Hammer (Basel)

08.10-08.30: MSD Scholarship Winner: Britta Regli-von Ungern
Impact of variations in intra-thoracic and extra-thoracic pressures on lung volumes and respiratory mechanics

08.30-10.00: **Presentations from various groups**

Cystic Fibrosis: (Chair: Johannes Wildhaber, Zürich)

(1) A new clinical scoring system in Cystic Fibrosis: statistical tools for database analysis-a preliminary report. Gaudenz Hafén, Bern, Melbourne

(2) Thymus and activation regulated chemokine (TARC) as a marker for allergic bronchopulmonary aspergillosis (ABPA) in CF patients. Philipp Latzin, Bern

Lung function: (Chair: Walid Habre, Geneva)

(3) Impact of bag and mask ventilation of functional residual capacity in children undergoing general anaesthesia. Britta Regli-von Ungern, Geneva.

(4) Impact of positioning on functional residual capacity and ventilation homogeneity in anaesthetised preschool children. Britta Regli-von Ungern, Basel

(5) Impairment of functional residual capacity and ventilation homogeneity in anaesthetised children by high levels of inspired oxygen. Can PEEP prevent it? Britta Regli-von Ungern, Basel

(6) LuftiBus: A retrospective cross-sectional SURVEY on lung function and general health screening in children and adolescents in the Zurich metropolitan area of Switzerland 1993 and 2005. Mascha RoCHAT, Zürich

ca. 10.00-10.30: Coffee Break

- 10.30-11.30: **Exhaled NO and Hyperoxia** (Chair: Urs Frey, Berne)
- (7) Diurnal profile of tital nitric oxide in unsedated newborns. Alex Möller, Zürich.
- (8) Elevated exhaled nitric oxide in newborns of atopicy mothers precedes subsequent respiratory symptoms. Philipp Latzin, Bern.
- (9) Exhaled nitric oxide distinguishes between subgroups of preschool children with wheezy or non wheezy respiratory symptoms. Corinne Diefenbacher, Zürich.
- (10) Bcl-2 protects from hyperoxia-induced apoptosis through inhibition of the mitochondria-dependent pathway. Isabelle Métrailler-Ruchonnet, Geneva.
- 11.30-12.15: Gast Lecture
- 12.15-13.00: **Projektentwürfe, Zeit für gemeinsame Studien!?!?**
Jürg Hammer, Basel
- ca. 13.00: **Lunch**
- 14.00-15.00 **Asthma** (Chair: Claudia Kuehni, Berne)
- (11) Phenotype definition in childhood wheezing illness. Ben D. Spycher, Berne
- (12) Development of a questionnaire on respiratory symptoms for preschool children. Marie-Pierre F Strippoli
- (13) The effect of Montelukast on subjective and objective measures in preschool asthmatic children. Andrea Lehmann, Zürich
- (14) Eicosanoids in exhaled breath condensates in the assessment of childhood asthma. B Kielbasa, Zürich
- 15.00 Abschluss des Meeting und Vorschau auf das kommende Jahr
Jürg Hammer und Vera Bernet