

PROGRAM:

Wednesday 28th November 2007

Swiss Paediatric Respiratory Research Group

19.00: **Dinner and Award presentation**

Thursday 29th November 2007

08.00-08.05: **Introduction**

Jürg Hammer (Basel)

08.05-09.35 **Presentations from various groups (Time for presentation 10 minutes plus 5 minutes discussion)**

Lung fuction and exhaled NO: (Chair Valid Habre, Geneva)

(1) Comparison of three different methods of FeNo measurement in children. Jürg Barben, St. Gallen

(2) Association between air pollution exposure during pregnancy and flung function and exhaled nitric oxide in newborn. Philipp Latzin, Berne

(3) Ethnic differences in atopy and exhaled oxide (F_{ENO}) in Uk schoolchildren with wheeze. Marie Pierre F Strippoli

(4) Exhaled Nitric oxide is elevated in young preschool children with persistent asthma at school age. Nicola Bauer, Zürich

(5) The value of electric impedance tomography in assessing ventilation inhomogeneities in infants. Kyburz M, Berne

(6) Standardized exercise challenge test for preschool children unsing the Forced oscillation technique. Renate Clemens, Zürich

09.35-10.00 Coffee Break

10.00-10.45 ***Laboratory studies:*** (Chair: Urs Frey, Berne)

(7) NADPH oxidas 1 deficient mice are protected from oxidative lung injury. S. Carnesecchi, Geneva

(8) Lymphocytoid choriomeningits virus activates plasmacytoid dendritic cells and induces cytotoxic T cell response via MyD88. Andreas Jung, Fribourg

(9) Airway epithelial Interleukin-15 transforms monocytes into dendritic cells. Nicolas Regamey, Geneva

- 10.45-11.45 ***Asthma and Bronchilolitis: (Chair: Claudia Kuehni, Bern)***
- (10) Improved management of acute bronchiolitis in Switzerland after implementation of new guidelines in 2003. Jürg Barben St. Gallen
- (11) Exhaled markers of airway inflammation and atopy status in paediatric patients with clinically stabile inflammatory bowel disease. Pavel Basek, Zürich
- (12) The ability of fluctuation analysis of airway function and symptoms to asses asthma stability in different asthma phenotypes. Stern G. Bern
- (13) Complexity of asthma regulation: clinical response to long-term Beta₂-agonist treatment predicted from fluctuation analysis of airway function. Thamrin C, Berne
- 11:45- 11:55 Short break
- 11:55-12.45 Nicolas Regamey
- ca. 12.45-13.45 **Lunch**
- 13.45-14.00 Wahl des Vorstandes
- 14.00-16.00 **Projects and preliminary data (Jürg Hammer, Base)l**
- (1) Lung function in preterm newborn with and without CLD compared to term born infants. Philipp Latzin, Berne
- (2) Mannitol Study. Jürg Barben, St. Gallen
- (3) Role of TLR-dependent and independent pathways in recognition of pneumovirus infections and induction of virus-specific T cell response via cytokine producing cells. Andreas Jung, Geneva
- (4) Management and Treatment of Primary Ciliary Dyskinesia in children in Europe - an interim report from the ERS taskforce. Claudia Kuehni, Berne
- (5) Intracellular nanoparticles in the fetus. Karen Schuep, Berne
- 16.15 Abschluss des Meeting und Vorschau auf das kommende Jahr
Jürg Hammer und Vera Bernet