

## MONITORING OF ASTHMA, COPD AND OTHER AIRWAY DISEASES

### 21-23 MARCH 2013

### LIEGE, BELGIUM

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Thursday, 21 March 2013

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**09.30 – 10.00** Introduction – Overview and history on different ways of assessing and monitoring inflammatory airway diseases - *B. Balbi*

#### **Session I – Current applications of traditional tests of disease monitoring**

**10.00 - 10.45** How to value clinical presentation (symptom score, QoL questionnaires) - *G. Joos*

**10.45 – 11.15** *COFFEE BREAK*

**11.15 – 11.45** Lung function measurements in adults and children - *F. de Jongh*

**11.45 – 12.30** Limitations of traditional tests, unanswered aspects of airway diseases - *B. Balbi*

**12.30 – 14.00** *LUNCH*

**14.00 – 14.30** Measurement of airway hyperresponsiveness; part I: direct challenges - *E. Bel*

**14.30 – 15.15** Measurement of airway hyperresponsiveness; part II: indirect challenges - *G. Joos*

**15.15 – 15.45** *COFFEE BREAK*

#### **Session II – Information gained from induced sputum**

**15.45 – 16.30** Methodological considerations of sputum induction - *R. Louis*

**16.30 – 17.15** Applications of induced sputum sampling in asthma and COPD - *A. Spanevello*

**17.15 – 18.00** Special considerations in sputum induction in severe patients - *E. Bel*



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## Friday, 22 March 2013

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### Section III - Exhaled biomarkers: methodological aspects

- 09.00 – 09.45** Methods to measure exhaled and nasal nitric oxide - *C. Corradi*  
**09.45 – 10.45** Methods to measure other exhaled volatiles (CO, ethane, penthane, etc...) - *P. Paredi*
- 10.45 – 11.15** *COFFEE BREAK*
- 11.15 – 11.45** Electronic noses- breathprints – *P. Sterk*  
**11.45 – 12.45** Methods to collect exhaled breath condensate - *I. Horváth*  
**12.45 – 13.15** Methods to measure different mediators in EBC - *M. Corradi*
- 13.15 – 14.30** *LUNCH*
- Workshops
- Airway hyper responsiveness assessment
  - Sputum induction
  - Exhaled markers measurement
  - Exhaled breath condensate collection
- 14.30 – 15.15** **ROUND 1**  
**15.15 – 16.00** **ROUND 2**
- 16.00 – 16.15** *COFFEE BREAK*
- 16.15 – 17.00** **ROUND 3**  
**17.00 – 17.45** **ROUND 4**

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## Saturday, 23 March 2013

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### Session IV - Exhaled breath biomarkers: data interpretation and clinical relevance

- 09.00 – 09.45** Monitoring of airway diseases in children - *J. de Jongste*  
**09.45 – 10.30** Applications of exhaled and nasal NO in airway diseases - *P. Barnes*  
**10.30 – 11.15** Value of exhaled volatile organic compounds in monitoring airway disease - *P.J. Sterk*
- 11.15 – 11.45** *COFFEE BREAK*
- 11.45 – 12.30** Markers of airway diseases in exhaled breath condensate and their clinical value - *P. Barnes*  
**12.30 – 13.15** Comparison of exhaled biomarkers to other markers of airway diseases - *I. Horváth*  
**13.15 – 13.30** Discussion and closing remarks; evaluation of sessions - *B. Balbi, E. Bel, I. Horváth*