**ERS Research Seminar**

**Precision medicine in airway diseases**

21 – 22 February 2017 – Barcelona, Spain

*(Scientific Programme as of 24 October 2016)*

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**Tuesday, 21 February 2017**

08.15 – 08.30  Welcome and Introduction, Ian Pavord, Alvar Agusti

**Session I: Precision medicine in airway diseases: what and how**
Chair: Peter Sterk, Netherlands

08.30 – 09.00  A label-free approach to airways disease: phenotypes, endotypes and treatable traits – Alvar Agusti, Spain

09.00 – 09.30  What are the key questions in diagnosis and management? – Elisabeth Bel, Netherlands

09.30 – 10.00  An example: Eosinophilic airway inflammation as a treatable trait – Mona Bafadhel, United Kingdom

10.00 – 10.30  General discussion

10.30 – 11.00  Coffee break

11.00 – 11.30  Initial trials of precision medicine approaches in airway disease – Vanessa McDonald, Australia

11.30 – 12.30  Four Oral Presentations of selected abstracts (n=4) (by young investigators)

12.30 – 13.00  General discussion

13.00 – 13.45  Lunch break

13.45 -14:30 POSTER SESSION (n=10) and faculty interaction with young investigators

**Session II: Breakout Paralell Session**
Chair: Peter Gibson, Australia
14.30 – 15.15 Three Break Out Sessions to be chosen by participants
*Three groups to discuss other candidate treatable traits. Groups should consider recognisability, treatability, importance and the likely impact of intervention against that trait and summarise their findings on a table.*

Group 1 – Pulmonary treatable traits  
Group 2 – Extra-pulmonary treatable traits  
Group 3 – Environmental and other treatable traits

15.15 – 16.00 Each group to present findings (15 minutes per group)

16.00 – 16.30 Coffee break

**Session III: How to implement this approach in clinical practice**
Chair: Elisabeth Bel, Netherlands

16.30 – 17.00 In secondary care – Richard Beasley, New Zealand

17.00 – 17.30 In primary care – Mike Thomas, United Kingdom

17.30 – 18.00 General discussion

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**Wednesday, 22 February 2017**

**Session IV: How to move towards precision medicine of airway diseases**
Chair: tbc

09.00 – 09.30 Funding opportunities – tbc

09.30 – 11.00 Break out session
*Two groups to reassemble to design candidate trials*

11.00 – 11.30 Coffee break

11.30 – 12.30 Each groups to present main findings

12.30 – 13.00 Summary and action points – Ian Pavord, Alvar Agusti

13.00 Lunch