

PhD. Course:

# Clinical Intervention Research in Allergic and Obstructive Diseases of the Respiratory System

6-10 November 2006

at

Kollokvierum Vest, Victor Albeck Building, Aarhus University

## Organizers:

Lars Peter Nielsen  
Associate Professor, Chief Physician  
Department of Clinical Pharmacology  
Aarhus University Hospital  
The Bartholin Building,  
Aarhus University  
DK-8000 Aarhus C

&

Ronald Dahl  
Professor, Chief Physician, DMSc.  
Department of Respiratory Diseases  
Aarhus Sygehus  
Nørrebrogade 44,  
building 1A, 2A, 2B  
DK-8000 Aarhus

## Course Programme

### Monday 6 November

- 09.00 Registration and welcome  
09.30 Allergic and obstructive airway diseases  
- an introduction  
(Ronald Dahl, Lars Peter Nielsen)
- 10.30 Coffee
- 10.45 Drugs and pharmacotherapeutic strategy for  
allergic airway diseases in children  
(XX)
- 11.30 Drugs and pharmacotherapeutic strategy for  
allergic and obstructive airway diseases in  
adults (Ronald Dahl, Lars Peter Nielsen)
- 12.30 Lunch
- 13.30 Deposition of inhaled medications  
(Henry Chrystyn)
- 14.30 Regulatory demands for inhaled  
medications (Marianne Orholm)
- 15.00 Coffee
- 15.15 Hands-on: Inhalation devices

### Tuesday 7 November

- 09.00 Development of symptom scales  
(Paul Jones)
- 09.45 Application of symptom scales  
(Kirsten Lomborg)
- 10.15 Coffee
- 10.30 Quality of life questionnaires  
(Paul Jones)
- 12.00 Lunch
- 13.00 Assessment of physical capacity and  
dyspnea in COLD (XX)
- 14.00 Assessment of compliance  
(Flemming Madsen)
- 14.30 Coffee
- 14.45 Internet-based monitoring  
(Klaus Phanareth)
- 15.15 Epidemiological methods  
(Allan Linneberg)

### Wednesday 8 November

- 09.00 Imaging methods (Finn Rasmussen)  
09.45 PEF, Spirometry (Asger Dirksen)
- 10.30 Coffee
- 10.45 Pletysmography (Torben Riis)  
11.15 Demonstrations of equipment
- 12.00 Lunch
- 13.00 Skintests in IgE-mediated allergy  
(Holger Mosbech)
- 13.45 Bloodtests in IgE-mediated allergy  
(Lars K. Poulsen)
- 14.30 Coffee
- 14.45 Hands-on: Allergy tests

### Thursday 9 November

- 09.00 Occurrence, measurement and health impact  
of airborne exposure (Torben Sigsgaard)
- 09.45 Bronchoscopy, BAL, biopsy  
(Henrik Harving)
- 10.30 Coffee
- 10.45 Assessment of nasal obstruction  
(Ole Hilberg)
- 11.30 Rhinoscopy, biopsy (Claus G. Pedersen)
- 12.00 Lunch
- 13.00 Non-specific airway challenge  
(Leif Bjermer)
- 13.45 Specific airway challenge (Ronald Dahl)
- 14.30 Coffee
- 14.45 Demonstrations and hands-on: Endoscopy,  
challenge

### Friday 10 November

- 09.00 Airway inflammation – an introduction  
(Ronald Dahl)
- 09.30 Flowcytometry (Hans J. Hoffmann)
- 10.00 Coffee
- 10.45 Induced sputum (Vibeke Backer)
- 11.30 Exhaled NO and breath condensate  
(Vibeke Backer)
- 12.00 Lunch
- 13.00 Demonstrations and hands-on
- 14.30 Coffee
- 14.45 Evaluation

Please go to  
[www.diracforsk.dk](http://www.diracforsk.dk)  
for more information  
and application form.

**DIRAC**  
Danish Clinical  
Intervention  
Research Academy