ERS Course
Pulmonary Hypertension and Pulmonary Vascular Disease

1-3 June 2017
Lausanne, Switzerland

Thursday, 1 June 2017

13:30–14:00 Registration

Session 1 - Clinical and pathological

14:00–14:05 Welcome from the CHUV - L. Nicod
14:05–14:15 Introduction to the course - A. Peacock
14:15–14:50 Clinical features of pulmonary hypertension - S. Gaine
14:50–15:25 Pathology of pulmonary hypertension - P. Dorfmuller
15:25–16:00 Pathobiology of pulmonary hypertension - A. Peacock

16:00–16:30 Break

16:30–17:00 Pathophysiology of pulmonary hypertension - R. Naeije
17:00–18:15 Clinical cases of pulmonary hypertension from participants - commented by a multidisciplinary team - S. Gaine, J. Pepke-Zaba, M. Sproule

18:15–18:30 Altitude and the greatest cycling rivalry of the 20th century - M. Sproule

18:30 Welcome cocktail at the CHUV
19:30 Dinner
Friday, 2 June 2017

**Session 2 – Making the diagnosis of pulmonary hypertension**

08:30–09:00  Right heart imaging and failure in pulmonary hypertension - A. Vonk Noordegraaf
09:00–09:30  Cardiac catheterisation lecture and video demonstration - M. D'Alto
09:30–10:00  Radiology of pulmonary hypertension - M. Sproule
10:00–10:30  Exercise testing in pulmonary hypertension - M. Johnson
10:30–11:00  *Break*

**Session 3 – Pulmonary embolism**

11:00–11:30  Making the diagnosis of acute pulmonary embolism - S. Konstantinides
11:30–12:00  Treatment of acute pulmonary embolism - M. Johnson
12:00–12:30  Diagnosis and treatment of chronic pulmonary embolism - J. Pepke-Zaba
12:30–13:30  *Lunch*

**Workshops: case histories and practical problems in pulmonary hypertension**
Participants will be divided in four groups and attend one workstation per round.

13:30–14:15  **Round 1**
Workstation 1: Exercise testing in pulmonary hypertension – live demonstration - M. Johnson
Workstation 2: Diagnosis of acute and chronic pulmonary embolism – S. Konstantinides (acute) and M. Sproule (chronic)
Workstation 3: Congenital heart disease and pulmonary hypertension (cardiology for pulmonologists) – M. D'Alto
Workstation 4: Echocardiography: common problems - B. Lamia, P. Yerly

14:15–15:00  **Round 2**

15:00–15:30  *Break*

15:30–16:15  **Round 3**
16:15–17:00  **Round 4**

19:00  *Dinner*
Saturday, 3 June 2017

Session 4: Treatment of pulmonary hypertension

08:30–09:10  Current medical treatment of pulmonary arterial hypertension - S. Gaine
09:10–09:50  Who to treat/who not to treat: Left heart disease - R. Naeije
09:50–10:30  Who to treat/who not to treat: Hypoxic lung disease - A. Vonk Noordegraaf

10:30–11:00  Break

11:00–11:40  Pulmonary hypertension in the intensive care unit - B. Lamia
11:40–12:20  Clinical trials in pulmonary arterial hypertension: what do they tell us - R. Naeije
12:20–13:00  The future of treatment for pulmonary arterial hypertension - A. Peacock

13:00  End of the course and lunch box