



ERS Research Seminar Dyspnoea: multidimensional and multidisciplinary

November 8-9, 2012 - Paris, France

SCIENTIFIC PROGRAMME

Day 1 – Thursday, November 8, 2012

Introduction

08:00-08:15 *Arrival - registration of participants*

08:15-08:30 *Introduction*
Pierantonio Laveneziana (Paris, France)
Louis Laviolette (Paris, France)

08:30-13:10 Session I – The neurophysiology of dyspnoea

08:30-09:25 *Respiratory command and neural processing of respiratory sensations*
Paul W. Davenport (Florida, USA)
Discussant: Thomas Similowski (Paris, France)

09:25-10:20 *Air hunger vs. excessive effort/work of breathing*
Robert B. Banzett (Boston, USA)
Discussant: Denis E. O'Donnell (Kinston, Canada)

10:20-10:40 *Coffee break*

10:40-11:35 *Affective and emotional dimensions of respiratory sensations*
Andreas Von Leupoldt (Hamburg, Germany)
Discussant: Mark B. Parshall (Albuquerque, USA)

11:35-12:30 *The language and psychometrics of dyspnoea in cardiorespiratory diseases*
Mark B. Parshall (Albuquerque, USA)
Discussant: Andreas Von Leupoldt (Hamburg, Germany)

12:30-13:10 *Panel discussion*

13:10-14:20 *Lunch*

14:20- 18:50 Session II – Exercise and dyspnoea

14:20-15:15 *The role afferent feedback from skeletal muscles, heart and lungs in the perception of effort in healthy adults*
Samuele M. Marcora (Kent, UK)
Discussants: Francois Maltais (Quebec, Canada) and Denis E. O'Donnell (Kingston, Canada)

15:15-16:10 *Dyspnoea during exercise in healthy adults and athletes*
Lee M. Romer (Uxbridge, UK)
Discussant: Louis Laviolette (Paris, France)

16:10-16:30 *Coffee break*



- 16:30-17:25 ***Dyspnoea during exercise in patients with cardiorespiratory disease***
Denis E. O'Donnell (Kingston, Canada)
Discussant: Pierantonio Laveneziana (Paris, France)
- 17:25-18:20 ***Interaction between muscle fatigue and dyspnoea in cardiorespiratory diseases***
Francois Maltais (Quebec, Canada)
Discussants: Lee Romer (Uxbridge, UK) and Samuele M. Marcora (Kent, UK)
- 18:20-18:50 ***Panel discussion***

Day 2 – Friday, November 9, 2012

08:30-13:25 Session III – The clinical impact and management of dyspnoea

- 08:30-09:25 ***Neural processing of dyspnoea relief***
Claudine Peiffer (Paris, France)
Discussant: Robert B. Banzett (Boston, USA) and Capucine Morelot-Panzini (Paris, France)
- 09:25-10:20 ***Dyspnea in chronic hyperventilation syndrome***
Sandy Jack (Liverpool, UK)
Discussant: Thomas Similowski (Paris, France)
- 10:20-10:40 ***Coffee break***
- 10:40-11:35 ***The clinical management of exertional dyspnoea in patients with cardiorespiratory diseases***
Denis E. O'Donnell (Kingston, Canada)
Discussant: Pierantonio Laveneziana (Paris, France)
- 11:35-12:30 ***Rehabilitation in cardiorespiratory diseases***
Francois Maltais (Quebec, Canada)
Discussant: Louis Laviolette (Paris, France)
- 12:30-13:25 ***Dyspnea in the ICU***
Thomas Similowski (Paris, France)
Discussant: Mark B. Parshall (Albuquerque, USA)
- 13:25-14:30 ***Lunch***
- 14:30-15:20 ***General discussion & establishing research priorities***
- 15:20-15:30 ***Closing remarks & salutations***