Research Seminar
Sleep apnea and its consequences: from animal models to precision medicine
25-26 January 2024
Lisbon, Portugal

Thursday, 25 January 2024

Welcome and introduction by organisers
09:00-09:15 M. Sánchez-de-la-Torre, R. Heinzer

Session 1:
Basic models to explore the deleterious effect of sleep apnoea: Depicting predictors of sleep apnoea-related comorbidities
Chairs: S. Ryan, A. Azarbarzin
09:15-09:45 Exploring the deleterious consequences of OSA in animal models – C. Arnaud
09:45-10:15 Algorithms approach to stratify risk of OSA co-morbidity outcomes: Hypoxic burden, pulse wave amplitude and heart rate variability – R. Heinzer
10:15-11:00 Coffee break and poster viewing
11:00-11:30 Artificial intelligence and risk stratification in OSA: Benefits and limitations – M. Blanchard
11:30-12:00 OMICS data as predictors of co-morbidity outcomes in OSA – R. Cortese
12:00-12:45 Panel discussion
12:45-14:00 Lunch
14:00-15:00 Oral Presentations & discussion

Session 2:
Endotypes and susceptibility to the clinical consequences of sleep apnoea
Chairs: M Pengo, Y. Peker
15:00-15:30 Why are the RCTs neutral? Exploring potential ceiling effect of deleterious consequences of sleep apnoea – M. Sánchez-de-la-Torre
15:30-16:00 One size does not fit for all: Identify the clinical utility of sleep apnoea signals in specific endotypes – O. Cohen
16:00-16:30 Differential contribution of OSA to cardiovascular, cognitive and metabolic disease/outcome – J.L. Pépin
16:30-17:15 Panel discussion
17:15-18:15 Aperitif in the poster area

All times are in Western European Time (WET).
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Session 3:
ERS Assembly 4 Task Force: Upcoming research scenarios
Chairs: W. Randerath, F. Gagnadoux

08:30-09:00 Putting all the pieces together: Exploring alternative study designs in OSA – J.L. Pépin
09:00–09:30 Real-World data analysis: Opportunities and challenges of using big data in OSA
  – J. de Batlle
09:30-10:30 Coffee break and poster viewing
10:30–11:00 The sleep revolution” project – E. S. Arnardóttir
11:00–11:30 “ESADA” future perspective – W. McNicholas
11:30–12:15 Panel discussion
12:15-13:00 Closing remarks – M. Sánchez-de-la-Torre, R. Heinzer
13:00-14:00 Lunch and departure

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