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
Chair: S. Ryan
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
Chair: M Pengo
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 – TBC
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).
Friday, 26 January 2024

Session 3:
ERS Assembly 4 Task Force: Upcoming research scenarios
Chairs: S. Schiza, 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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