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

Coffee break and poster viewing
10:15-11:00

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

Oral Presentations
Chair: C. Lombardi
14:00-14:10 OP01 - PCSK9 as a new player in intermittent hypoxia-induced vascular alterations
Anne Briançon-Marjollet (France)
14:10-14:13 Q&A
14:13-14:23 OP02 - Rearrangement of Cell Types in the Rat Carotid Body Neurogenic Niche Induced by Chronic Intermittent Hypoxia
Candela Caballero-Eraso (Spain)
14:23-14:26 Q&A
14:26-14:36 OP03 - Real World Evidence using Causal Inference of Positive Airway Pressure Utilisation on Cardiovascular Incidence and Mortality
Diego R Mazzotti (USA)
14:36-14:39 Q&A

All times are in Western European Time (WET).
14:39-14:49  OP04 - A new classification enables precision medicine to improve adherence to Continuous Positive Airway Pressure in obstructive sleep apnoea  
Amanda Sathyapala (UK)

14:49-14:51  Q&A

14:51-15:00  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

15:30-15:50  Coffee break

15:50–16:20  One size does not fit for all: Identify the clinical utility of sleep apnoea signals in specific endotypes – O. Cohen

16:20–16:50  Differential contribution of OSA to cardiovascular, cognitive and metabolic disease/outcome – J.L. Pépin

16:50–17:30  Panel discussion

17:30-18:30  Aperitif in the poster area

Friday, 26 January 2024

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 – W. McNicholas

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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