



A physiological approach to ARTIFICIAL VENTILATION

Uppsala, 11th October 2019 Auditorium Gunnesalen - Akademiska Sjukhuset - Entrance 10

9:00 - 9.25

Katja Andersson

Coffee and networking

9.25 - 9.30

Lars I. Eriksson, Miklós Lipcsey, Gaetano Perchiazzi, Christian Rylander

Welcome address

Chairs: Suzanne Odeberg Wernerman & Sten Rubertsson

9.30 - 10.15

Anders Larsson (Uppsala, Sweden)

My life so far: from the Ambu balloon to synchrotron radiation computed tomography

10.15 - 11.00

Peter Wagner (San Diego, USA)

Mechanical ventilation through the eyes of a physiologist: does it really improve gas exchange?

11.00 - 11.45

John Laffey, (Dublin, Ireland)

What happens under the hood? Lessons of translational medicine about ARDS and ventilation

11.45 - 12.45

LUNCH

Chairs: Mariangela Pellegrini & Göran Hedenstierna

12.45 - 13.30

Jeanine Weiner Kronish (Cambridge, USA)

Optimizing intraoperative atelectasis may change perioperative outcomes?

13.30 - 14.15

Paolo Pelosi (Genova, Italy)

Strain, energy, power: The story on how physics invaded clinical ventilation

14.15 - 15.15

COFFEE

Chairs: Kristina Hambraeus-Jonzon & Gaetano Perchiazzi

15.15 - 16.00

Claude Guerin (Lyon, France)

Looking at ventilation in three dimensions: flip the lung and rescue the patient

16.00 - 16.45

Antonio Pesenti (Milano, Italy)

Does the patient really know what is best? The breakthrough of self-induced lung injury

16.45 - 17.00

Panel Discussion

Take home messages

NINTH HEDENSTIERNA LABORATORY
MASTERCLASS SYMPOSIUM
A physiological approach to Artificial Ventilation

FACULTY LIST

Lars I. Eriksson	Stockholm, Sweden
Claude Guerin	Lyon, France
Kristina Hambræus-Jonzon	Stockholm, Sweden
Göran Hedenstierna	Uppsala, Sweden
John Laffey	Dublin, Ireland
Anders Larsson	Uppsala, Sweden
Miklós Lipcsey	Uppsala, Sweden
Suzanne Odeberg Wernerman	Uppsala, Sweden
Mariangela Pellegrini	Uppsala, Sweden
Paolo Pelosi	Genova, Italy
Gaetano Perchiazzi	Uppsala, Sweden
Antonio Pesenti	Milano, Italy
Sten Rubertsson	Uppsala, Sweden
Christian Rylander	Göteborg, Sweden
Peter Wagner	San Diego, USA
Jeanine Weiner Kronish	Cambridge, USA

ADMINISTRATION

Katja Andersson

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ORGANIZING COMMITTEE

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