

2<sup>nd</sup>

# PLUG Physiology Symposium

*Discussing research with a taste*

*Scientific meeting on applied  
respiratory physiology in the critically ill*

the PLVG

[www.plugwgroup.org](http://www.plugwgroup.org)

Boston, MA (USA)

**26-28 Sept. 2024**

**Preliminary program**



### Join us

for the second edition of the PLUG Physiology Symposium. We will meet in Boston for two and a half days to listen and discuss the latest research data on respiratory physiology presented by leading groups from across all continents. In addition, special lectures in Jordi Mancebo's memory will highlight the most recent advancements in the field and focused discussion will lead to methodological publications.

*Keynote lecture in honour of Jordi Mancebo*



#### Executive Committee

**Laurent Brochard**, Toronto (CA)  
**Leo Heunks**, Nijmegen (NL)  
**Tommaso Mauri**, Milano (IT)  
**Daniel Talmor**, Boston (USA)

#### Scientific Committee

**Elias Baedorf Kassis**, Boston (USA)  
**Alexandre Demoule**, Paris (F)  
**Ewan Goligher**, Toronto (CA)  
**Annemijn Jonkman**, Rotterdam (NL)  
**Mariangela Pellegrini**, Uppsala (S)  
**Marco Ranieri**, Bologna (I)  
**Oriol Roca**, Sabadell (E)  
**Elena Spinelli**, Milano (I)

09.00 - 09.15

WELCOME

09.15 - 09.45

**Physiological mechanisms of dyspnea**

R. Banzett (Boston, USA)

09.45 - 11.05

**Best abstracts** (4 abstracts, 20 minutes each)

11.05 - 11.30

BREAK

11.30 - 12.30

**Best abstracts** (3 abstracts, 20 minutes each)

12.30 - 13.00

**The effects of gravity on lung ventilation and perfusion**

M. Amato (Sao Paolo, Brasil)

13.00 - 14.00

LUNCH (catering on site)

14.00 - 15.20

**Best abstracts** (4 abstracts, 20 minutes each)

15.20 - 15.50

**Jordi Mancebo keynote lecture  
A journey through science**

A. Slutsky (Toronto, Canada)

15.50 - 16.10

BREAK

16.10 - 18.00

**Posters viewing time**

18.00 - 20.00

**Reception for all participants** (catering on site)

09.00 - 09.15	<b>WELCOME</b>
09.15 - 09.45	<b>Ventilatory ratio and dead space in ARDS</b> P. Sinha (St Louis, USA)
09.45 - 11.05	<b>Best abstracts</b> (4 abstracts, 20 minutes each)
11.05 - 11.30	<b>BREAK</b>
11.30 - 12.30	<b>Best abstracts</b> (3 abstracts, 20 minutes each)
12.30 - 13.00	<b>Exosomes and lungs cross-talk</b> S. Robson (Boston, USA)
13.00 - 14.00	<b>LUNCH</b> (catering on site)
14.00 - 14.30	<b>Dangers of spontaneous breathing in ARDS</b> T. Yoshida (Osaka, Japan)
14.30 - 15.50	<b>Best abstracts</b> (4 abstracts, 20 minutes each)
15.50 - 16.10	<b>BREAK</b>
16.10 - 17.30	<b>Best abstracts</b> (4 abstracts, 20 min each)
17.30 - 18.00	<b>Biomarkers of VILI</b> C. Dos Santos (Toronto, Canada)
18.00 - 20.00	<b>Reception for all participants</b> (catering on site)

09.00 - 09.15	<b>WELCOME</b>
09.15 - 11.45	<b>Interactive discussion for position paper on commercial ventilators settings and measures</b> Chairs: L. Heunks (Nijmegen, NL), E. Baedorf-Kassis (Boston, USA) <ul style="list-style-type: none"> <li>• Automated asynchronies detection</li> <li>• Respiratory effort</li> <li>• Closed loop ventilation</li> <li>• Recruitability</li> <li>• Transpulmonary pressure</li> </ul>
11.45 - 12.30	<b>Update on Plug activities and studies</b>

## General information



### Meeting Venue Joseph B. Martin Conference Center

77 Avenue Louis Pasteur, Boston, MA 02115 (USA)

### Organizing Secretariat Start Promotion Srl

Via Soperga, 10 - 20127 Milano (I)  
Phone: + 39 02 67071383  
E-mail: [info@startpromotion.it](mailto:info@startpromotion.it)

## General information

### Call for abstract

Abstracts deadline **April 30<sup>th</sup> 2024**

### Registration information

Admission to the Symposium is limited with mandatory pre-registration.

### Registration fees

Physician	\$ 250,00
Trainee, Nurse, AHP	\$ 100,00
Low, Middle Income countries	\$ 100,00
Single Day Registration	\$ 50,00
Exhibitor/Companies employee	\$ 350,00

*In person meeting only, no online connection provided.*

### Online registration

Registrations should be done online at: [www.startpromotion.it](http://www.startpromotion.it)

Please read the instructions carefully before starting your registration.



## General information

### Abstract

Participants are invited to submit their abstract presenting novel work on advanced pathophysiology of mechanical ventilation and acute respiratory failure for presentation at the “2nd PLUG Physiology Symposium” in Boston, USA.

Please complete the online procedure available at [www.plugwgroup.org](http://www.plugwgroup.org) or [www.startpromotion.it](http://www.startpromotion.it)

Deadline for abstract submission:

**April 30<sup>th</sup>, 2024**

#### **Please read the instructions below before submitting your abstract.**

- Abstract submission is possible through the online procedure only.
- Abstracts sent by fax or mail **will not be accepted**. At least one of the authors is required to be a registered participant to the Plug Meeting in Boston.
- All abstracts received will be evaluated by the Scientific Board which will decide whether to accept them as oral presentations or posters.
- Poster/Oral presentations will be held in English. No simultaneous translation will be provided.
- Contacts with Authors will be by email only. Please verify that your email address has been correctly typewritten during the registration procedure and don't forget to check your email account regularly.



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