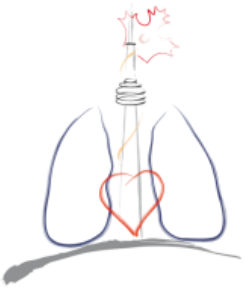
UNIVERSITY OF TORONTO | Interdepartmental Division of Critical Care Medicine



VIRTUAL
ART SLUTSKY RESEARCH DAY

Interdepartmental Division of Critical Care Medicine
University of Toronto

Tuesday June 21, 2022

ZOOM!

Virtual **Art Slutsky Day Part I- Honouring our Pediatric and Adult CCM Graduates!**
2:00 PM– 3:05 PM

2:00 PM - 2:45 PM Welcome/ Introduction- Drs. Dave Hall/Briseida Mema/Dominique Piquette

Presentation of Certificates of Training Completion Presentation of Site
Presentation of Site Teaching Awards- Drs. Cam Landry/Stephan Von During
Presentation of the John Granton and Simon Abrahamson Teaching Awards
Presentation of the John Laffey Research Award

2:45 PM- 3:05 PM Fellow Presentations: Video Montage- Reflections

Pediatric (10 min): Drs. Camilla Halgren and Colm Breatnach
Adult (10 min): Drs. Cam Landry and Stephan Von During

3:05PM- 3:25 PM **Midafternoon Break**

Virtual **Art Slutsky Day Part II - Abstract Presentations - 3:25 PM-5:45 PM**

3:25- 3:30	**Welcome/Abstract Overview-** Dr. Margaret Herridge
3:30- 3:55	**Introduction/Discussants**: Andre Amaral, Nava Maham **Invited Speaker: Dr. Kaveh Shojania/ Sunnybrook Health Sciences Centre** **Topic: What are the right research targets in the context of the massive health crises we face?**
4:00-4:30	**Session Co-Chairs:** Christie Lee, Rob Fowler, Alex Floh **Oral Presentations I: Mix of all abstract types (6)** **Each Abstract presentation is 4 min/ 1 min questions/discussion** **All abstracts will be facilitated online and published in the online Abstract booklet**

Presentations

1. **Irene Telias.** Quantifying the prevalence, magnitude, and mechanical consequences of synchronous and dyssynchronous inspiratory effort during MV with a new automated method

2. **Rajiv Sanwal.** In vivo lung transfection of claudin-5 using ultrasound and microbubbles improves oxygenation without impairing innate immunity in ARDS

3. **Shaurya Taran** Days Alive and At Home at 90 days after 7 of more days of MV: A secondary analysis of the Canadian RECOVER (Phase I) Multicentre Cohort

4. Thomas Bodley. Reducing unnecessary and repetitive diagnostic phlebotomy in intensive care: a quality improvement study

5. Federico Angriman The effect of an accelerated renal replacement therapy initiation is not modified by baseline risk

6. **Naheed Jivraj** Assessment of variability in population-level use of mechanical ventilation across three countries.

4:30 – 4:55 pm **Introduction/Discussants**: Haibo Zhang/Luciana Rodriguez-Guerineau
Featured Speaker: Dr. Michael Matthay/ UCSF
Topic: COVID-19 Pneumonia & ARDS: What Have We Learned?

4:55 – 5:05 pm **Rest Break**

5:05 – 5:35 pm **SessionCo-Chairs:** Anne-Marie Guerguerian/Lorenzo Delsorbo/JennaSpring
Oral Presentations II: Mix of all abstract types (5)
Each Abstract presentation is 4 min / 1 min questions/discussion
All abstracts will be facilitated online and published in the online Abstract booklet

Presentations

7. David Zorko Autoresuscitation after Circulatory Arrest: An Updated Systematic Review

8. Koren Teo. Time Required to Initiate a pandemic-focused trial in Canada

9. Laura Dragoi. CANCOV- Canadian Prospective Cohort of 1-year outcomes in critically ill patients with COVID-19 and their family caregivers – Preliminary Report

10. Antenor Rodrigues. Eccentric diaphragm activity in Mechanically Ventilated patients

11. Nicole Yada Developing a visual informed consent form using designing thinking: A mixed methods study to improve participant understanding

5:35-5:40 Invited Abstract Presentation

Mazharul Maisha (UCSF) Targeted Activation of the Apical Epithelial Sodium Channel Alpha Subunit Preserves Alveolar Fluid Clearance in Bacterial Pneumonia (S. pneumoniae) in the ex vivo Perfused Human Lung

5:40- 5:45 pm	**Presentation of Abstract winners** Drs. Laurent Brochard and Margaret Herridge
5:45 pm	**Closing Remarks/Special Thanks** Dr. Laurent Brochard

Thanks to Everyone for your Wonderful Contributions!

Have another great year of education and research and see you **(in person!!)** next year!

Art Slutsky Research Day 2022
IDCCM Chair: Dr. Laurent Brochard
IDCCM Director of Research: Dr. Margaret Herridge
IDCCM Associate Director of Research: Dr. Hannah Wunsch (on Sabbatical)

GUEST SPEAKERS

Dr. Kaveh Shojania

Dr. Michael Matthay

ABSTRACT JUDGES

Basic Science Category

Dr. Haibo Zhang
Dr. Claudia Dos Santos
Dr. Warren Lee
Dr. Lorenzo Delsorbo
Dr. Jamie Hutchison

Clinical Research/HSR Category

Dr. Matteo Parotto
Dr. Anne-Marie Guergeurian
Dr. Niall Ferguson
Dr, Rob Fowler
Dr. Margaret Herridge
Dr. Christie Lee

Physiology Category

Dr. Christina Maratta
Dr. Irene Telias
Dr. Ewan Goligher
Dr. Mike Sklar
Dr. Alex Floh
Dr. Alice Grassi
Dr. Laurent Brochard

Quality Category

Dr. Nava Maham
Dr. Gail Annich
Dr. Andre Amaral

SR/Education Category

Dr. Neill Adhikari
Dr. Briseida Mema
Dr. Pat Murphy
Dr. Dominique Piquette

And the IDCCM Research Executive:
Dr. Laurent Brochard
Dr. Margaret Herridge
Dr. Hannah Wunsch (on Sabbatical)