



62nd ICBL, Montréal (Sept 4-7, 2022)

Sunday 4th

14:00-16:00 Registration

16:00 Welcome from UQAM & ICBL President

16:15 Van Deenen Lecturer – Dre Christine Des Rosiers (ICM, Canada)

17:15 Welcome Cocktail

Monday 5th

8:30-10:40 Session 1: Lipids desaturation in metabolism

10:40-11:00 Break & Posters session A

11:00- 13:15 Session 2: Lipid mediators of inflammation

13:15-15:00 Lunch & Posters session A

15:00-17:15 Session 3: FluxoLipidomics

Tuesday 6th

8:30-10:40 Session 4: Triacylglycerol metabolism

10:40-11:00 Break & Posters session B

11:00- 13:15 Session 5: Ceramides and endocannabinoids

13:10-15:00 Lunch & Posters session B

14:30-15:30 Workshop : Professional development

From 15:00 Social events & Conference dinner

Wednesday 7th

8:30-10:40 Session 6: Lipids in neuronal systems

10:40-11:00 Break & Posters session C

11:00-13:15 Session 7: Reverse cholesterol transport – A paradigm in revision

13:15-14:45 Lunch & Posters session C

14:45-15:45 Workshop : Dissemination of sciences for the society

15:45-16:30: Presentation ICBL 2023, Awards, & Closing remarks

Sunday 4th

14:00-16:00 Registration

16:00 Welcome from Magda Fusaro, UQAM President
Welcome from Christian Wolfrum, ICBL President

16:15 Van Deenen Lecturer – Dre Christine Des Rosiers (ICM, Canada)
Enhancing disease mechanism and biomarker discovery in humans using untargeted comprehensive plasma lipidomics

17:15 Welcome Cocktail

Monday 5th

Session 1: Lipids desaturation in metabolism

Moderator: *David Mutch - University of Guelph, Canada*

8:30 J. Ntambi (U. Wisconsin, USA)
The Role of Hepatic Stearoyl-CoA Desaturase in Systemic Metabolism

9:00 Richard Bazinet (U. Toronto, CA)
New methods lead to new findings in the omega-3 synthesis pathway

9:30 Marie-Claude Vohl (Université Laval, CA)
Gene-diet interactions with omega-3 fatty acids: Impact on plasma triglyceride levels.

10:00 Selected talk

10:15 Selected talk

10:40-11:00: Break & Posters session A

Session 2: Lipid mediators of inflammation

Moderator: *Marc Surette -University of Moncton, Canada*

11:00 Eric Boilard (Université Laval, CA)
The interaction of secreted phospholipase A2-IIA with the microbiota promotes inflammation

11h30 Valerie O'Donnell (Cardiff University, UK)
Phospholipid and fatty acid metabolism in innate immunity and coagulation.

12:00 Oliver Werz (University Jena, Germany)
Targeting of pro-inflammatory and pro-resolving lipid mediator networks

12:30 Selected talk

12:45 Selected talk

13:15 – 15:00: Lunch & Posters session A

Session 3: FluxoLipidomics

Moderator: *Michel Lagarde - Lyon University, France*

15:00 Markus Wenk (National University of Singapore)

Title coming soon

15:30 Pierre Chaurand – (Université de Montréal, CA)

Fluxolipidomics by imaging mass spectrometry: examples in cancer research and neurobiology

16:00: Makoto Arita (Keio University, JP)

Title coming soon

16h30: Selected talk

16h45: Selected talk

Tuesday 6th

Session 4: Triacylglycerol metabolism

Moderator: *Catherine Mounier - UQAM, Canada*

8:30 Marc Prentki (Université de Montréal, CA)

The Glycerolipid-free fatty acid cycle: beyond fuel storage and mobilization

9:00 Guenter Haemmerle (University of Graz, Austria)

Mammalian Carboxylesterase 2 proteins: Novel players in lipid metabolism and metabolic disease

9:30 Czech Michael (U. of Massachusetts, USA)

CRISPR-enhanced adipocyte fatty acid oxidation to reduce liver triglyceride

10:00: Selected talk

10:15: Selected talk

10:40-11:00: Break & Posters session B

Session 5: Ceramides and endocannabinoids

Moderator: *Maurizio Crestani – University of Milano, Italy*

11:00 Mauro Maccarrone (U. of Roma, Italy)

The Endocannabinoid System and its Complexity in the Brain

11h30 Yusuf Hannun (Sony Brook, USA)

Compartment specific functions of neutral sphingomyelinase and ceramide

12:00 Antonio Gomez-Munoz (University of the Basque Country, Spain)

New insights into ceramide-1-phosphate biology

12:30 Selected talk

12:45 Selected talk

13:10-15:00 Lunch & Posters session B

14:30-15:30 Workshop: Professional development

For trainees, organized by ICBL student committee with support of s2bn group

From 15:00 Social events & Conference dinner

Wednesday 7th

Session 6: Lipids in neuronal systems

Moderator: *Thierry Alquier - Université de Montréal, Canada*

8:30 Karl Fernandes (University of Sherbrooke, CA)

Lipids and the pathogenesis of Alzheimer's disease.

9:00 Maria S. Ioannou (U. Alberta, CA)

Mechanisms and function of neuronal lipid release.

9:30 Sophie Layé (University of Bordeaux, France)

Dietary polyunsaturated fatty acids, mood and cognitive disorders, role of brain oxylipins.

10:00: Selected talk

10:15: Selected talk

10:40-11:00: Break & Posters session C

Session 7: Reverse cholesterol transport – A paradigm in revision

Moderator: *David Rhainds - Institut de Cardiologie de Montréal, CA*

11:00 Albert K. Groen (University of Groningen, Netherlands)

Title coming soon

11h30 Gwendalyn J. Randolph (Washington U., USA)

Title coming soon

12:00 Gaétan Mayer (Montreal Heart Institute, CA)

Loss of hepatic GLG1 reduces apolipoprotein B-100 secretion by promoting autophagy

12:30: Selected talk

12:45: Selected talk

13:15-14:45 Lunch & Posters session C

14:45-15:45 Workshop: Dissemination of sciences for the society

Details coming soon.

15:45-16:30: Presentation ICBL 2023, Awards, & Closing remarks