RNA vs pathogens: biology, medicine and technology

Sunday, September 24th

13:30 – 14:30 Registration
14:30 – 17:00 Activity
17:00 – 18:30 Welcome reception
18:30 – 20:00 Opening dinner and welcome note.
20:00 – 20:30 After Dinner Presentation

Eric Westhof, Université de Strasbourg, Strasbourg.

Introduction by Nahum Sonenberg, McGill University, Montréal
Monday, September 25th

08:00 – 09:00  Registration
09:00 – 09:10  Opening Notes and Announcements (Sherif Abou Elela)
09:10 – 09:15  Presentation of Keynote speaker
              Marc Fabian, McGill University, Montréal.
09:15 – 10:15  [Title]
              Roy Parker, University of Colorado Boulder, Boulder.
10:15 – 10:45  Coffee break

Session 1: Viral response
Chair: Aaron Schmidt, Ragon Institute of MGH, MIT and Harvard, Boston.
10:45 – 10:50  Introduction by Aaron Schmidt
10:50 – 11:05  [Title]
              Britt A. Glaunsinger, UC Berkeley, Berkeley.
11:05 – 11:20  [Title]
              Selena Sagan, McGill University, Montréal.
11:20 – 11:35  [Title]
              Karin Musier-Forsyth, Ohio State University, Columbus.
11:35 – 11:50  [Title]
              Sebli Kutluay, Washington University, St. Louis.
11:50 – 12:05  [(Talk chosen from abstracts) Title]
              Speaker, University, City.
12:05 – 12:25  Panel discussion moderated by Aaron Schmidt

Session 2: Immunology and host response

Chair: Gaya Amarasinghe, Washington University, St-Louis.

13:55 – 14:00  Introduction by Gaya Amarasinghe
14:00 – 14:15  [Title]

Sun Hur, BCH and Harvard Medical School, Boston.

14:15 – 14:30  [Title]

Dan Barouch, Center for Virology and Vaccine Research, Boston.

14:30 – 14:45  [Title]

Karen Adelman, Harvard Medical School, Boston.

14:45 – 15:00  [(Talk chosen from abstracts) Title]

Speaker, University, City.

15:00 – 15:20  Panel discussion moderated by Gaya Amarasinghe
15:20 – 15:50  Coffee break

Session 3: Bacteria and other infectious agents

Chair: Seth Childers, University of Pittsburgh, Pittsburgh

15:50 – 15:55  Introduction by Seth Childers
15:55 – 16:10  [Title]

Barbara Papadopoulou, Université Laval, Québec.
16:10 – 16:25  [Title]

Jai Tree, UNSW Sydney, Sydney.

16:25 – 16:40  [Title]

Juan Alfonzo, Ohio State University, Columbus.

16:40 – 16:55  [(Talk chosen from abstracts) Title]

Speaker, University, City.

16:55 – 17:15  Panel discussion moderated by Seth Childers

17:15 – 17:30  Poster flash talks

18:00 – 19:00  Dinner

19:00 – 20:00  Poster competition IA: (Odd numbers)

20:00 – 21:00  Poster competition IB: (Even numbers)

21:00 –  Free Social Gathering
Tuesday, September 26th

07:00 – 08:30  Breakfast

Session 4: RNA therapeutics

Chair: Ryan Flynn, Harvard University, Boston

08:30 – 08:35  Introduction by Ryan Flynn.
08:35 – 08:50  [Title]

Amanda Hargrove, Duke University, Durham.

08:50 – 09:05  [Title]

Jesse Gray, Ascidian Therapeutics, Boston.

09:05 – 09:20  [Title]

Muthiah Manoharan, Alnylam Pharmaceuticals, Cambridge.

09:20 – 09:35  [(Talk chosen from abstracts) Title]

Speaker, University, City.

09:35 – 09:55  Panel discussion moderated by Ryan Flynn.
09:55 – 10:25  Coffee break

Session 5: Machine learning, AI and computational biology

Chair: Yoseph Barash, University of Pennsylvania, Philadelphia.

10:25 – 10:30  Introduction by Yoseph Barash
10:30 – 10:45  [Title]

Debora Marks, Harvard Medical School, Boston.
10:45 – 11:00  [Title]  
   **Olivia Corradin**, MIT, Boston.

11:00 – 11:15  [Title]  
   **Blake Sweeney**, European Bioinformatics Institute, Hinxton.

11:15 – 11:30  [Title]  
   **Jérôme Waldispühl**, McGill University, Montréal.

11:30 – 11:45  [(Talk chosen from abstracts) Title]  
   **Speaker**, University, City.

11:45 – 12:05  Panel discussion moderated by **Yoseph Barash**.

12:05 – 13:35  Lunch

**Session 6: RNA visualization**

Chair: **Éric Lécuyer**, Montreal Clinical Research Institute, Montreal.

13:35 – 13:40  Introduction by **Éric Lécuyer**

13:40 – 13:55  [Title]  
   **Christine Mayr**, Sloan Kettering Institute, New York.

13:55 – 14:10  [Title]  
   **Jeffrey Chao**, IRCM, Montréal.

14:10 – 14:25  [Title]  
   **Elena Conti**, Max Planck Institute, Martinsried.

14:25 – 14:40  [Title]  
   **Sabine Schneider**, LMU Munich, Munich.
14:40 – 14:55  [Title]

Fei Chen, Harvard University, Boston.

14:55 – 15:10  [(Talk chosen from abstracts) Title]

Speaker, University, City.

15:10 – 15:30  Panel discussion moderated by Éric Lécuyer.

15:30 – 16:00  Coffee Break

16:00 – 17:00  Poster competition IIA (Even numbers)

17:00 – 18:00  Poster competition IIB: (Odd numbers)

18:00 – 19:00  Dinner

19:00 – 20:30  Equity diversity and inclusion (EDI) Activity

Organized by the RNA Canada EDI committee

Featuring XXX

Animated by XXX, University, city.
Wednesday, September 27th

07:00 – 08:40 Breakfast

Session 7: Ribosomes and translation
Chair: Haribabu Arthanari, Harvard Medical School, Boston.

08:40 – 08:45 Introduction by Haribabu Arthanari

08:45 – 9:00 [Title]

Nahum Sonenberg, McGill University, Montréal.

09:00 – 9:15 [Title]

Hani Zaher, Washington University, St. Louis.

09:15 – 9:30 [Title]

Stirling Churchman, Harvard Medical School, Boston.

9:30 – 9:45 [(Talk chosen from abstracts) Title]

Speaker, University, City.

9:45 – 10:05 Panel discussion moderated by Haribabu Arthanari.

10:05 – 10:35 Coffee break

Session 8: RNA modifications and non-coding RNA
Chair: Richard Gregory, Harvard Medical School, Boston.

10:35 – 10:40 Introduction by Richard Gregory

10:40 – 10:55 [Title]

Ryan Flynn, Harvard University, Boston.
Amanda Whipple, Harvard University, Boston.

Valérie de Crécy-Lagard, University of Florida, Gainesville.

Speaker, University, City.

Panel discussion moderated by Richard Gregory.

Lunch

Session 9: RNA binding proteins

Chair: Jinwei Zhang, NIH, Bethesda.

Nadya Dimitrova, Yale University, New Haven.

Kristen Lynch, University of Pennsylvania, Philadelphia.

Markus Haffner, NIH, Bethesda.

Daniel Larson, NIH, Bethesda.

Panel discussion moderated by Jinwei Zhang.
14:40 – 15:10 Coffee Break

Session 10: RNA evolution

Chair: Irene Chen, University of California Santa Barbara, Santa Barbara.


15:15 – 15:30 [Title]

Alan Davidson, University of Toronto, Toronto.

15:30 – 15:45 [Title]

Thomas Carrell, Munich University, Munich.

15:45 – 16:00 [Title]

Sergey Melnikov, Newcastle University, Newcastle.

16:00 – 16:15 [(Talk chosen from abstracts) Title]

Speaker, University, City.

16:15 – 16:35 Panel discussion moderated by Irene Chen.

Session 11: Students’ choice part I

Chairs: Kristina Song and Morgane Da Rocha, Université de Sherbrooke, Sherbrooke

16:35 – 16:40 Presentation of the Travel award

Kristina Song and Morgane Da Rocha

16:40 – 16:45 Presentation of the Best Monthly Seminar Award

Kristina Song and Morgane Da Rocha

16:45 – 17:05 Best Monthly Seminar Award Presentation (15 min + 5 min questions)

To be announced during the meeting
17:05 – 17:15  Photo
17:15 – 17:30  Free time
17:30 – 19:00  Networking and cocktail
19:00 – 20:30  Industry Gala Dinner
20:30 – 20:40  Presentation of poster awards

Jean-Philippe Brosseau, Université de Sherbrooke, Sherbrooke

20:40 – 20:50  Blue Jacket Award

TBD

20:50 – 21:20  After Dinner Presentation

Gabriel Lander, Scripps Research Institute, San Diego.

Introduction by Mélissa Léger-Abraham, Harvard Medical School, Boston

21:10 – ..  Entertainment
Thursday, September 28th

07:00 – 09:00    Breakfast

Session 12: Eukaryotic RNA maturation and decay

Chair: Olivia Rissland, University of Colorado, Denver.

09:00 – 09:05    Introduction by Olivia Rissland

09:05 – 09:20    [Title]

Narry Kim, Seoul National University, Seoul.

09:20 – 09:35    [Title]

Hagen Tilgner, Weill Cornell Medicine, New York.

09:35 – 09:50    [Title]

Athma Pai, UMass Chan Medical School, Worcester.

09:50 – 10:05    [Title]

Susan Chao, Harvard Medical School, Boston.

10:05 – 10:20    [(Talk chosen from abstracts) Title]

Speaker, University, City.

10:20 – 10:40    Panel discussion moderated by Olivia Rissland.

10:40 – 11:10    Coffee break
Session 13: Students’ choice part II

Chairs: Kristina Song and Morgane Da Rocha, Université de Sherbrooke, Sherbrooke

11:10 – 11:15    Introduction by Kristina Song and Morgane Da Rocha
11:15 – 11:45    Students’ choice seminar

[Title]

Hanah Margalit, Hebrew University of Jerusalem, Jerusalem.

11:45 – 11:50    Introduction by Kristina Song and Morgane Da Rocha
11:50 – 12:20    Students’ choice seminar

[Title]

Maria Carmo-Fonseca, University of Lisbon, Lisbon.

12:20 – 13:20    Lunch and departure