



Lifespan
Network
Neuroscience
Montreal

OHBM 2023



Institut-Hôpital
neurologique de Montréal
Montreal Neurological
Institute-Hospital

OHBM 2023 Pre-Symposium
Lifespan network neuroscience:
Examining the trajectory of human brain development in health and disease

July 20, 2023: 8:30 a.m. – 5:15 p.m.

Jeanne Timmins Amphitheatre, MNI (3801 University Street, Montreal)

The objective of this symposium is to share advances, innovations, and emerging ideas in network neuroscience from a lifespan perspective. Emphasis will be on developing recommendations and framework protocols to optimize network neuroimaging acquisition techniques, analysis, and modelling approaches. We will explore the role of network neuroscience in understanding cognitive function and dysfunction across the lifespan as well as highlight opportunities for translational research and intervention.

PROGRAM

8:30 – 8:50 *Coffee and light refreshments*
8:50 – 9:00 Nathan Spreng: Symposium opening and welcome remarks

Session 1: Early life development

9:00 – 9:30 Moriah Thomason (New York University)
9:30 – 10:00 Dani Bassett (University of Pennsylvania)
10:00 – 10:30 Theodore Satterthwaite (University of Pennsylvania)

10:30 – 11:00 *BREAK (light refreshments onsite)*

Session 2: Early developmental disorders

11:00 – 11:30 Lucina Uddin (University of California, Los Angeles)
11:30 – 12:00 Boris Bernhardt (McGill University)

12:00 – 12:30 Network neuroscience and early life development: Challenges and directions

12:30 – 1:30 *LUNCH (provided on site)*

Session 3: Adult lifespan and typical aging

1:30 – 2:00 Gagan Wig (University of Texas at Dallas)
2:00 – 2:30 Jeske Damoiseaux (Wayne State University)

2:30 – 3:00 *BREAK (light refreshments onsite)*

Session 4: Atypical aging and neurodegenerative disease

3:00 – 3:30 Bratislav Misic (McGill University)
3:30 – 4:00 Jorge Sepulcre (Harvard University)
4:00 – 4:30 Jesse Brown (University of California, San Francisco)

4:30 – 5:00 Network neuroscience and late life development: Challenges and directions

5:00 – 5:15 Closing remarks

WINE & CHEESE RECEPTION TO FOLLOW