



NMD4C 2024 Summer School Program

McGill University, Montreal, QC

Monday May 27: Cell-based models of rare NMDs

Time (ET)	Scheduled Activity
8:30 am – 9:00 am	Registration
9:00 am – 9:20 am	Welcome Remarks
9:20 am – 10:10 am	Participant flash talks (16 presentations)
10:10 am – 10:30 am	Lecture: Patient Partners – Andrea Cleary & Simon Hogue
10:30 am – 11:00 am	Lecture: Hanns Lochmüller
11:00 am – 11:15 am	Coffee break
11:15 am – 11:45 am	Lecture: Christopher Perry
11:45 am – 12:15 pm	Lecture: Élise Duchesne
12:15 pm – 1:30 pm	Lunch
1:30 pm – 1:50 pm	Introduction to Workshop: Benoit Gentil & Natasha Chang
2:00 pm – 3:30 pm	Group 1 Workshop: Cell culture models of rare diseases (Gentil lab) Group 2 Workshop: Muscle satellite stem cell isolation from mouse models (Chang lab)
3:30 pm – 4:00 pm	Travel between labs
4:00 pm – 5:30 pm	Group 1 Workshop: Muscle satellite stem cell isolation from mouse models (Chang lab) Group 2 Workshop: Cell culture models of rare diseases (Gentil lab)
6:00 pm – 8:00 pm	Networking Dinner



Tuesday May 28 - Bioinformatics

Time	Scheduled Activity
9:00 am – 10:00 am	Participant flash talks (20 presentations)
10:00 am – 10:15 am	Lecture: Patient Partner - Fanny Chagnon
10:15 am – 10:30 am	Lecture: Patient Partner - Yan Défossés
10:30 am – 11:00 am	Lecture: Mark Arousseau (eNuvio)
11:00 am – 11:15 am	Coffee break
11:15 am – 11:45 am	Lecture: Mireille Khacho
11:45 am – 12:15 pm	Lecture: Vahab Soleimani
12:15 pm – 1:30 pm	Lunch
1:30 pm – 1:50 pm	Presentation: Amazon Web Services
2:00 pm – 3:30 pm	Introduction to Workshop: Martine Tétreault Workshop (Part 1): Bioinformatics analysis of bulk and single-cell RNA-sequencing data sets
3:30 pm – 4:00 pm	Coffee break
4:00 pm – 5:30 pm	Workshop (Part 2): Bioinformatics analysis of bulk and single-cell RNA-sequencing data sets
6:00 pm – 8:00 pm	Wine & Cheese / Round table panel discussion: Careers in NMD Research <i>Panelists:</i> Vahab Soleimani, Martine Tetreault, Benoit Gentil, Nicolas Dumont, Mark Arousseau, Chris Perry