2027 NMD4C-RARE.Qc Basic Research Summer School Schedule

Day 1: Wednesday 12 May, 2027 | **Location:** UQTR

7:45-8:30	**REGISTRATION**	
8:30-8:45	Intro/Opening Remarks – Dr. Jean-Philippe Leduc Gaudet	
8:45-10:15	Participant Flash Talks	
10:15-10:45	**COFFEE BREAK / Icebreaker**	
10:45-11:10	Lecture – Dr. Cam-Tu Nguyen	Translational Research Chair: **Dr. Kessen Pattern**
11:10-11:35	Lecture – Dr. Vincent Picher-Martel	
11:35-12:00	Lecture – Dr. Jacques P. Tremblay	
12:00-13:10	**LUNCH + Exhibit Booth Sponsors**	
13:10-13:30	Lecture – Dr. Marc Germain – Microscopy	Experimental Approaches to Study Neuromuscular/Rare Diseases Chairs**: Drs. Geneviève Pépin & Marc Germain**
13:30-13:50	Lecture – Dr. Geneviève Pépin Various approaches to assess inflammation in rare diseases	
13:50- 14:10	Lecture – Dr. Marie-Claude Sincennes Muscle stem cell defects in muscle dystrophy	
14:10-14:25	Lecture – Dr. Erwan Pernet – Flow cytometry	
14:25-14:45	Lecture – Drs. Yannick Audet-Delage and Pauline Garcia Seahorse / Metabolomic – O2K	
14:50-15:10	**COFFEE BREAK + Exhibit Booth Sponsors**	
15:10-15:20	Lecture – Dr. Hanns Lochmuller, Lead Investigator, NMD4C Dr. Homira Osman, Co-Lead Investigator, NMD4C	Patient Engagement in Translational Research Chair: **Dr. Emma Sutton** (BSTC Co-Lead)
15:20-17:00	Patient Engagement in Translational Research Panel & Rotating Roundtable Discussions Dr. Hanns Lochmuller, Dr. Homira Osman, Patient Partners	
17:00-18:30	**Networking Reception & Poster Viewing**	
18:30-21:30	**Networking Dinner**	

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Day 2: Thursday 13 May, 2027 | **Location:** UQTR

8:00-8:30	**Breakfast and Coffee**		
8:30-8:45	**Intro/Opening Remarks**		
8:45-10:15	**Workshop 1** Mitochondrial function	**Workshop 2** ELISA cytokines	**Workshop 3** Flow cytometry
10:15-10:30	**COFFEE BREAK**		
10:30-12:00	**Workshop 1** Mitochondrial function	**Workshop 2** ELISA cytokines	**Workshop 3** Flow cytometry
12:00-13:00	**LUNCH**		
13:00-15:00	**Workshop 4** Seahorse	**Workshop 5** Muscle function	**Workshop 6** Staining / imaging / analysis
15:00-15:15	**COFFEE BREAK**		
15:15-17:15	**Workshop 4** Seahorse	**Workshop 5** Muscle function	**Workshop 6** Staining / imaging / analysis
18:00-21:00	**Networking Dinner & Careers in NMD Research Panel**		

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Day 3: Friday 14 May, 2027 | **Location:** UQTR

8:00-8:30	**Breakfast and Coffee**
8:30-8:45	**Intro/Opening Remarks – Dr. Jean-Philippe Leduc Gaudet**
8:45-9:45	Data Processing Chairs: Drs. Marc German, Yannick Audet-Delage, and Pauline Garcia
9:45-10:45	Workshop – Dr. Marie-Claude Sincennes Proximity-labeling proteomics/interactome analyses in rare diseases
10:45-11:00	**COFFEE BREAK**
11:00-11:30	Lecture – Dr. Emma Sutton Advancing rare disease research: Insights from SMA
11:30-13:15	Knowledge Translation Workshop Isabelle Demers and Marie-Pier Rousell
13:15-13:30	**Closing Remarks & Poster Awards – Dr. Jean-Philippe Leduc Gaudet**