

NMIN 2024 Research Conference – *Preliminary* Program

Venue: Fairmont Waterfront, 900 Canada Place Way, Vancouver, British Columbia V6C 3L5

Wednesday 24 January 2024	
3:00 - 3:30 pm	Opening Remarks, Dr. Inès Holzbaur, Board Chair, NMIN
3:30 - 5:00 pm	<i>Opening Keynote: Sean Moffitt, Managing Director & Founder, Futureproofing Inc.</i> <i>State of Innovation 2024 – Forces Influencing the Future of Innovation</i>
5:00 - 7:00 pm	Opening Networking Reception
7:00 - 10:00 pm	Board Invitational Dinner

Thursday 25 January 2024	
7:00 - 8:45 am	<i>Breakfast</i>
9:00 - 9:15 am	Opening Remarks, Dr. Gilbert Walker, Scientific Director & CEO, NMIN
9:15 - 10:15 am	<i>Industry Keynote: Dr. Dominik Witzigmann, Co-Founder & CEO NanoVation Therapeutics Inc.</i>
10:15 - 11:00 am	<i>Break</i>
11:00 am - 12:30 pm	NMIN Spinoff Companies Session Vega BioImaging Technologies Inc.; SeraGene Therapeutics Inc.; NorthMiRs Inc.; Liberum Biotech; NanoStar Pharmaceuticals Ltd.
12:30 - 2:00 pm	<i>Networking Lunch</i>
2:00 - 2:45 pm	NMIN Theme II: Gene Therapy – High Commercial Potential Research
2:45 - 3:30 pm	NMIN Research Presentations
3:30 - 4:00 pm	<i>Break</i>
4:00 - 4:30 pm	NMIN Theme II: Gene Therapy – Research Presentations
4:30 - 5:45 pm	NMIN Grand Challenges Program Panel <i>Development, optimization and evaluation of novel nanoparticle formulations for gene therapy targeted to extra-hepatic tissues</i> Dr. Anna Blakney, Assistant Professor, UBC & PI, NMIN Grand Challenges Project + Panel
5:45 - 6:30 pm	<i>Free Time</i>
6:30 - 10:00 pm	Trainee Poster Viewing and Judging/ Reception

Friday 26 January 2024	
7:00 - 8:45 am	<i>Breakfast</i>
9:00 - 9:05 am	Opening Remarks, Dr. Afsaneh Lavasanifar, Associate Scientific Director, NMIN
9:05 - 10:00 am	NMIN Theme III: Diagnostics – Research Program Panel <i>Diagnostics for Nanoparticle Tumour Delivery</i> Dr. Warren Chan, Professor, Canada Research Chair in Nanobioengineering & Director, UofT & NMIN Theme 3 Co-leader; PI, NMIN Theme III Diagnostics Project + Panel
10:00 - 10:45 am	NMIN Theme III: Diagnostics Research Presentations
10:45 - 11:15 am	<i>Break</i>
11:15 am - 12:15 pm	NMIN Trainee Research Presentations
12:15 - 1:45 pm	<i>Trainee Networking Lunch</i>
1:45 - 2:45 pm	NMIN Trainee Research Presentations
2:45 - 4:00 pm	NMIN Legacy Core Facilities PharmaCore, Dr. Nancy Dos Santos NanoCore, Dr. Karen Chan eHTA, Dr. Nick Dragojlovic
4:00 - 4:30 pm	<i>Break</i>
4:30 - 5:30 pm	Research Keynote: NMIN Founding Scientific Director Dr. Pieter Cullis Theme II: Gene Therapy & NanoCore Co-Leader <i>mRNA – This is where the real excitement is!</i>
5:30 - 6:30 pm	<i>Free Time</i>
6:30 - 10:00 pm	Gala Dinner & Awards

Saturday 27 January 2024	
7:00 - 8:45 am	<i>Breakfast</i>
9:00 - 9:05 am	Opening Remarks, Dr. Diana Royce, Executive Director, NMIN
9:05 - 10:30 am	NMIN Theme I: Targeted Drug Delivery – Research Program Panel <i>Development of stimulant responsive liposomes as precise drug delivery systems</i> Dr. Pieter Cullis, Professor, UBC; NMIN Theme 2 Leader; NanoCore Leader; PI, NMIN Theme I Target Drug Delivery Project + Panel
10:30 - 11:00 am	<i>Break</i>

Saturday 27 January 2024	
11:00 am - 12:15 pm	NMIN Theme I: Targeted Drug Delivery – Research Presentations
12:15 - 1:30 pm	<i>Lunch</i>
1:30 - 2:30 pm	<i>Invited Keynote:</i> Dr. Shana O. Kelley, Neena B. Schwartz Professor of Chemistry and Biomedical Engineering, Northwestern University; President, CZ Biohub Chicago, Illinois, USA
2:30 - 3:15 pm	<i>Panel Discussion:</i> Nanomedicine Innovations and Ecosystem Developments: Current and Future Opportunities for Canadian Scientists and Companies <i>Moderator, Inès Holzbaur</i>
3:15 - 3:30 pm	NMIN Legacy and Concluding Remarks Dr. Gilbert Walker, Scientific Director & CEO, NMIN
3:30 pm	Conference Conclusion