



May 2021

I am pleased to share with you my second NMN Scientific Director's update.

Having recently completed its second year, NMN continues to accelerate and multiply its research, capacity-building and knowledge-sharing activities, as reported in this bulletin.

Reflecting on the two years just completed, I feel particularly beholden to acknowledge the generous contributions to the Network's launch and growth made by the many members of NMN's Board and committees.

According to a reckoning by NMN staff, this diverse group of accomplished experts have donated to date more than 555 hours to committee service within NMN, at an estimated total in-kind value of over \$154,000.

On behalf of all Network participants, I extend to these volunteers a sincere vote of thanks, as well as congratulations for the outcomes they have already helped us secure and those on the near horizon.

Dr. Pieter Cullis, PhD., FRSC, FNAI (USA)  
Scientific Director & CEO, NMN

### NMN supports new Strategic Initiative—Research



*Unlocking the full potential of cancer therapy*

PI: Dr. Devika Chithrani  
University of Victoria

Dr. Chithrani has been awarded \$50,000 for a one-year research SI to develop a novel strategy to enhance the benefits of radiotherapy (RT) by introducing two agents that could produce synergistic therapeutic effects.

[READ MORE](#)

### UVic: NMN's latest Network Member

NMN welcomes the University of Victoria (UVic) in Victoria, BC—the host institution to Dr. Devika Chithrani's Strategic Initiative—as its newest Network Member.



University of Victoria

NMN's Network Members

### RANKING WEB OF UNIVERSITIES

Highly Cited Researchers (h>100) according to their Google Scholar Citations public profiles



### Five NMN researchers among the most "Highly Cited"

Five NMN researchers are among the scholars listed in the 14th edition of "Highly Cited Researchers"—those with an h-index over 100—published by the Webometrics Ranking of World Universities.

[READ MORE](#)

### Canadian biotech still in the spotlight

The pioneering research of NMN Scientific Director Dr. Pieter Cullis, and the role of the BC-based biotech company he founded (Acuitas Therapeutics) in addressing the global pandemic, continue to garner recognition—most recently, by [UBC](#) and [CIHR](#), and on [GlobalNews](#).

[READ MORE](#)



### NMN Fast Facts

NMN's Fast Facts, updated to 31 March 2021, provide the latest data on NMN research investments, HQP participation, partnerships, publications, and more.

[Read the Fast Facts](#)



### Two new papers out of the Hedtrich Lab

Two new publications highlight recent research from the UBC-based lab of NMN researcher Dr. Sarah Hedtrich: one on transmucosal drug delivery; the other on the model dilemma in biomedical research.

[READ MORE](#)

## OPEN CALL TO NMIN HQP

### NanoMedicines Translated Program

NMIN's NanoMedicines Translated Program engages NMIN HQP in a hands-on learning process to produce clear-language summaries of their NMIN-supported, peer-reviewed research publications.

Participants not only produce a communications tool by which to disseminate their research to the broader public, but also acquire knowledge translation skills, credits towards NMIN's [ATC](#), and eligibility for travel funding.

[More information](#)

## HQP Research Presentation Series

### ROUND 2



Cécile Darvot  
EPM



Bull Duong  
U of T



Anthony Tam  
Nanovation Therapeutics



Wesley Walker  
U of T

[View the posters](#) | [See the presentations on video](#)

## CAPACITY-BUILDING RESOURCES

Resources are available from the following NMIN capacity-building activities:

- [Preparing Clear-language Research Summaries](#)
- [Best Practices in Intellectual Property \(IP\) Management](#)
- [Connect & Communicate with Confidence](#)
- [Designing Effective Commercialization Plans](#)

### Postdoctoral Fellowship Positions

Exceptional opportunities in diverse areas of nanomedicine research are available in the labs of NMIN investigators Dr. Pieter Cullis (UBC), Dr. Shana Kelley (UofT), Dr. Michel Meunier (EPM) and Dr. Isabelle Brunette (UofM), and with NMIN partner organization Cuprous Pharmaceuticals.

[More information](#)

Round 2 of NMIN's HQP Presentation Series took place on 29 April 2021. [View the posters and presentations.](#)

### Next: HQP Research Presentation Round 3

**27 May 2021 12:30-1:30 pm PDT | 3:30-4:30 pm EDT**

[More information](#)

### Second NMIN Lecture with Dr. Warren Chan

The second NMIN Lecture was held on 12 April 2021 with NMIN investigator Dr. Warren Chan (University of Toronto) presenting on "The nanoparticle biological identity and protein corona."

Over 135 people attended; survey respondents ranked it an average of 4.8/5 for overall usefulness. The recording was viewed over 150 times within a week of being posted on YouTube.

[Watch the video](#)

## UPCOMING EVENTS sponsored by NMIN

### Pharmaceutical Sciences in a Pandemic World

Virtual Symposium | 31 May - 3 June 2021

#### ORGANIZERS



#### SPONSORS



[More information](#)

#### KEYNOTE SPEAKERS



**Michael Houghton**  
2020 Nobel Laureate  
University of Alberta  
*Longevity of Protection by COVID-19 Vaccines*



**Yoshiharu Matsuura**  
Osaka University  
*Characteristics of SARS-CoV-2 and its Control Measures*

#### SESSION TOPICS will include

- Information & disinformation around COVID-19 Therapeutics
- Advances in Vaccine Development
- Drug Delivery & Nanotechnology, Including AI in Drug Delivery
- Young Scientist Network (YSN) focus sessions for trainees & young scientists
- ...among many others

[REGISTER NOW](#)

[CSPSCANADA.ORG](http://CSPSCANADA.ORG)

### CONTROLLED RELEASE SOCIETY

# CRS 2021

VIRTUAL ANNUAL MEETING

BREAKTHROUGH DELIVERY SCIENCE

July 25-29, 2021

**Dr. Pieter Cullis**  
Confirmed as  
Plenary Speaker!



[More information](#)

Newsletter inquiries or comments  
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