

# Séminaire de l'axe Formulation et analyse du médicament

## Versatile Nanomedicines and Hydrogels for Biomedical Applications



**Prof. Ravin Narain, PhD, P.Eng, FRSC**  
University of Alberta, Department of Chemical and  
Materials Engineering, Donadeo Innovation Centre for  
Engineering, AB, Canada

à l'invitation du professeur Davide Brambilla

Mercredi, 22 nov. 2021, 11h00, **Salle S1-111** (Pav. JeanCoutu)

Lien: <https://umontreal.zoom.us/j/84756568727?pwd=dEJmc2g3cUdQWtI4dUJ2eWNzZUVudz09>

Meeting ID: 847 5656 8727

Passcode: 887622

**Biography.** Ravin Narain, PhD, P.Eng, FRSC is a Professor in the Department of Chemical and Materials Engineering, University of Alberta, Canada. Prof. Narain has made significant contributions to research on the design, fabrication, and characterization of novel carbohydrate based materials (glycopolymers, hydrogels and nanomaterials) for a wide range of applications. His research has also covered biomaterials, nanomedicine and regenerative medicine, with an emphasis on developing advanced materials as cancer therapeutics, anti-fouling and anti-microbial uses, and cell/tissue engineering advances. He has published over 180 articles in peer-reviewed and high impact journals and has edited several books namely Engineered Carbohydrate-Based Materials for Biomedical Applications (Wiley), Chemistry of Bioconjugates (Wiley), Glycopolymers: Synthesis and Applications (Smithers & Rapra), and Polymers and Nanomaterials for Gene Therapy (Woodhead Publishing & Elsevier). He was section editor for the second edition of the book – Comprehensive Glycoscience (Elsevier). He is also on the Editorial Board for Frontiers in Chemistry (Polymer Chemistry), Polymer Chemistry (RSC), Biomacromolecules (ACS) and Polymers (MDPI). He was the recipient for a Distinguished Visiting Scientist Award from CSIRO (Manufacturing), Melbourne, Australia (2017-2018).