

Keynote Speech



Audrey Moores

Professor, Department of Chemistry, McGill University

【Bio】

Audrey Moores is a Full Professor of Chemistry and associate director of the Facility for Electron Microscopy Research (FEMR) at McGill University. She serves as an executive editor for ACS Sustainable Chemistry & Engineering, and President of the College of New Scholars, Artists and Scientists of the Royal Society of Canada, which is the junior body of the equivalent to a Canadian Academy of Science.

She completed her PhD from the Ecole Polytechnique, France in 2005, under the supervision of Prof. Pascal Le Floch and received the Best Thesis award of the Ecole Polytechnique that year. She was a post-doctoral fellow at Yale University in 2006 under the guidance of Prof. Robert H. Crabtree, funded by a Lavoisier fellowship from the European Union.

In 2019 she received a Fessenden Professorship awarded by the faculty of science at McGill University towards the commercial development of the clean transformation of crustacean shells into chitosan. In 2021 she received the Canadian Chemistry and Chemical Engineering Award for Green Chemistry.

With her group, she focuses on sustainable solutions for nanoparticles and biopolymer synthesis as well as catalyzed reactions, with an interest in waste biomass valorization, earth abundant starting materials and high atom economy.