

TIMS/MANA JOINT SEMINAR

題目 : Taking advantage of polymer self-assembly in the design of biomedical interfaces and delivery systems

**講師 : Dr. Francoise M. Winnik
Professor
Faculty of Pharmacy and
Department of Chemistry
Universite de Montreal**



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場所 : 総合研究棟B 0512教室

Abstract

Abstract: Non-covalent interactions, such as electrostatic and hydrophobic forces or hydrogen bonding, occur frequently between macromolecules and can be used to trigger the formation of nanostructures responsive to environmental stimuli. I will present examples based on recent results from my research group on the formation and properties of polymeric micelles for drug delivery and gene therapy and on the immunocamouflage of red blood cells.