Program

9:30-10:30 **Prof. Julio Fernandez**, **Plenary Lecture,** Department of Biological Sciences, Columbia University
"Force-clamp studies of the folding pathways of single proteins"

10:30-10:45 **COFFEE BREAK, POSTER SETUP**

10:45-11:10 **Professor Albert Stolow,** Steacie Institute of Molecular Sciences, National Research Council
"Dynamical Aspects of DNA Photonics"

11:10-11:35 **Professor Ann English,** Department of Chemistry and Biochemistry, Concordia University
Protein and peptide post-translation modification by NO_X: What we can learn from mass spectrometry

11:35-12:00 **Professor Anthony Mittermaier,** Department of Chemistry, McGill University
"Studying high energy states of proteins using NMR spectroscopy"

12:00-13:30 **POSTER SESSION, PIZZA LUNCH**

13:30-13:55 **Professor Michele Auger,** Department of Chemistry, Laval University
"Solid-state NMR study of peptide-lipid interactions: Applications to novel antimicrobial agents"

13:55-14:20 **Professor Regis Pomes,** Department of Biochemistry, University of Toronto
"Protein non-folding: Molecular basis of self-assembly and elastomeric properties of elastin"

14:20-14:45 **Professor Simon Rainville,** Department of Physics, Laval University
"The bacterial flagellar motor: a fascinating system"

14:45-15:15 **COFFEE BREAK**

15:15-15:40 **Professor Janine Mauzeroll,** Department of Chemistry, UQAM
"Using electrochemical techniques to study quinone induced oxidative stress and cellular transport mechanisms"

15:40-16:05 **Professor Antonella Badia,** Department of Chemistry, Université de Montréal
"Enzymatic lithography of solid-supported phospholipid membranes by stereoselective hydrolysis"

16:05-16:30 **Professor Scott Bohle,** Department of Chemistry, McGill University
"The dark side of malaria: superradiance and paramagnetism of malaria pigment."

16:30-18:00 **POSTER SESSION AND CONCLUSION**