

MICROBIOLOGIE, INFECTIOLOGIE ET IMMUNOLOGIE

CONFERENCE

January 22 at 11.30AM

Room N-833

Université de Montréal, Pavillon Roger-Gaudry.
2900 boul. Édouard Montpetit (Chemin de la tour), Montréal.

Professor Dao Nguyen

Professor, Department of Medicine, Faculty of
Medicine and Health Sciences, McGill University.
Scientist, RI-MUHC (Translational Research in
Respiratory Diseases Program) .



Difficult to treat *Pseudomonas aeruginosa* infections: from mechanisms to therapeutics

Bacterial infections that are refractory to antibiotic treatment lead to poor health outcomes. *Pseudomonas aeruginosa* is a major opportunistic pathogen that cause a multitude of difficult-to-treat human infections, both acute and chronic. *P. aeruginosa* not only displays intrinsic resistance to many antibiotics, but also antibiotic tolerance and host-evasion strategies. The Nguyen lab investigates bacterial mechanisms and host-pathogen interactions that contribute to the pathogenesis of chronic airway infections in individuals with cystic fibrosis, as well as novel therapeutic approaches to improve *P. aeruginosa* clearance.