



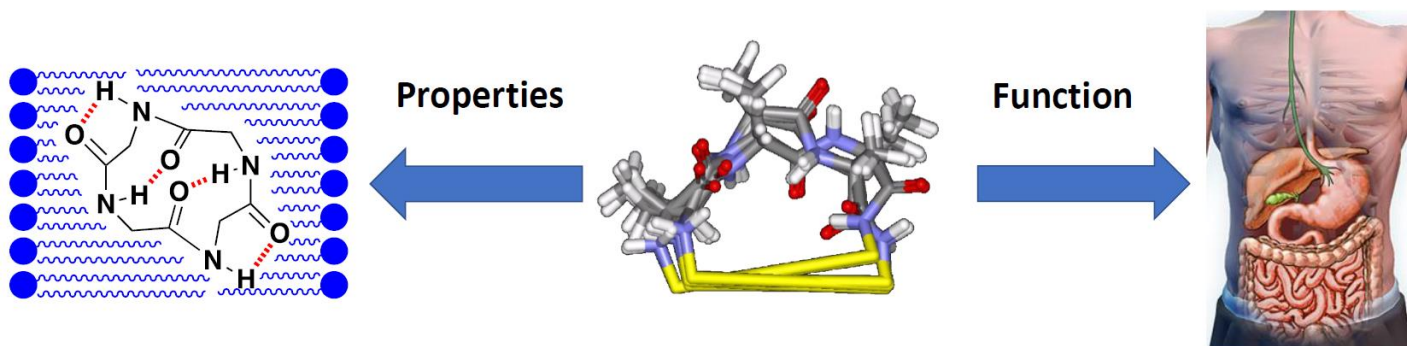
COLLOQUIUM SEMINAR TALK  
WEDNESDAY, FEBRUARY 14, 2018  
3:10PM  
**KN L1220**

## Dr. Eric Marsault

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### **Of Macrocycles and Men: Some Stories of Semi-Peptidic Macrocycles**



Macrocycles generate a high level of interest for their unique potential ability to combine large surface areas and suitable druglike properties. While macrocyclic peptides have been extensively analyzed to define islands of permeability, studies of semi-peptidic macrocycles, which constitute a rapidly increasing subclass among clinical candidates, are scarce. In this seminar, we will cover in the first part the identification of a class of semi-peptidic macrocycles how it served as a backbone for a biotech company and how this was used as a platform to deliver phase 2 and phase 3 clinical candidates. In the second part, we will discuss recent data on the structure-permeability relationship of semi-peptidic macrocycles.



**Dr. Eric Marsault** received his PhD at McGill University and completed his postdoctoral training at Université de Sherbrooke. His expertise in his research field relies on his initial training in organic chemistry followed by 10 years of pharmaceutical industry experience. His research group focuses on practical medicinal chemistry with macrocycles. The goal of the group is to design and synthesize molecules to validate emerging biological targets, toward the identification of novel therapeutic and diagnostic agents.