

# MICROBIOLOGIE, INFECTIOLOGIE ET IMMUNOLOGIE



## CONFÉRENCE

---

### **Dr Yan Boucher**

Assistant Professor  
Department of Biological Sciences  
University of Alberta

#### **Evolutionary Dynamics of *Vibrio cholerae* O1 following a Single-Source Introduction to Haiti**

In January 2010, an earthquake hit Haiti with its epicenter near Port-au-Prince, the capital. More than 200,000 people died, over 300,000 were injured and near 1.5 millions lost their homes. The following October, a cholera epidemic started in northern central Haiti and rapidly spread to the whole country. This surprised the health authorities and the international community, as Haiti had been cholera-free for more than a hundred years. How was cholera introduced to the country and why did it spread so fast? Although the scientific response was rapid and used the latest genomics technologies, the political importance in the question led to contention among scientists and delays in having a clear answer.

**Jeudi 15 août 2013 à 11h30**  
**Pavillon Claire McNicoll, salle Z-200**

Invité par Dr Jesse Shapiro  
Tél : (514) 343-6285  
Courriel: hugo.soudeyns@umontreal.ca