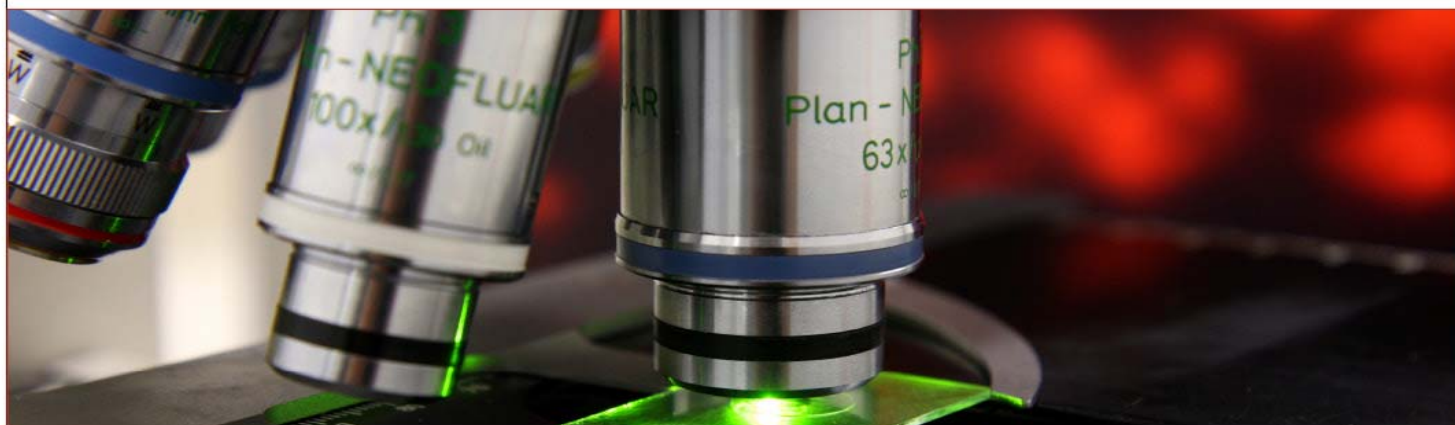


# SÉMINAIRES ET CONFÉRENCES



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## « Biological networks at atomic resolution »

Systems biology aims to build a working model of the cell by first mapping the network of interactions among proteins and other biomolecules in the cell. While highly successful, this network-based view of the cell often treats biomolecules and their interactions as nodes and edges with little atomic details. Here, I will present recent work on constructing genome-scale structural models of nodes and edges within protein-protein interaction networks. I will show that this structural systems biology approach provides useful insights in evolutionary biophysics, species interaction, and human disease.



Faculté de médecine  
Département de biochimie  
et médecine moléculaire

Université   
de Montréal

**Le lundi 16 janvier 2017, 12h00**

**Pavillon Roger-Gaudry  
Salle : D-225**

Invité par Sebastian Pechman

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