



Greg Lang

Associate Professor & Director of Graduate Studies

Department of Biological Sciences
Lehigh University, Bethlehem, Pennsylvania, USA

Genome evolution in laboratory populations of yeast

Jeudi 16 mai 2024 à 12 h 30

Pavillon Charles-Eugène Marchand, salle Hydro-Québec (1210)

Vous pouvez maintenant assister à la conférence via Zoom en cliquant sur ce lien :

[Accéder à la vidéoconférence](#) (pour une expérience plus agréable, préférez l'installation de l'application Zoom à l'utilisation du navigateur). >> [Instructions pour la configuration de l'audio](#) <<

Abstract:

The genome is both the product of and the substrate for evolution. Experimental evolution provides a way to test evolutionary theory through experiments that are impossible to perform in natural populations. At the same time, experimental evolution is powerful tool for functional genomics, identifying genes and pathways that respond to selective pressures. I will discuss the versatility of experimental evolution as a technique for interrogating the genome. I will present several recent studies that illustrate the power of experimental evolution for identifying genetic interactions both within and between genomes.



Hôte : Christian Landry

Responsables: Juan Carlos Villarreal Aguilar et Davoud Torkamaneh
juan-carlos.villarreal-aguilar@bio.ulaval.ca et davoud.torkamaneh.1@ulaval.ca