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Jean-François Gout, Assistant Professor

Mississippi State University, Department of biological sciences

Molecular mechanisms of transcriptional fidelity

LE JEUDI 12 MARS 2020 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*** <<

Accurate replication and transcription are two of the most fundamental processes performed by all forms of cellular life. While mutation rates studies have allowed many discoveries regarding molecular mechanisms governing the fidelity of DNA replication, similar studies on the fidelity of transcription suffer from the unique technical challenges in identifying transcription errors (base-substitutions, insertions, deletions). Here, I will present the latest developments in the elaboration of techniques dedicated to quantifying transcription error rates. Using these new methods, we investigate the molecular mechanisms responsible for accurate transcription and their evolution across the tree of life.

Lunch et breuvages seront offerts.

SVP, confirmer votre présence (Nom et prénom) sur :

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avant le mercredi 11 mars, 10 h

Hôte : Christian Landry

Responsable : Dr Christian Landry
Christian.landry@bio.ulaval.ca