

2022 Smerdon/Reeves Lecture

BLS 402 in Pullman, WA & Via Zoom

Zoom ID: **997 1349 5507**

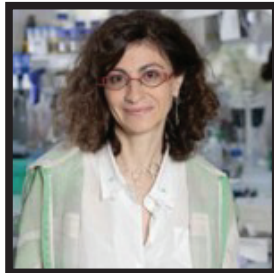
Zoom Passcode: **188545**

March 3, 2022

Come hear exciting developments in the areas of DNA repair, chromatin, and biomedical research

AGENDA

9:00 AM KEYNOTE SPEAKER



Dr. Geneviève Almouzni

Head of the Chromatin Dynamics team
Research center at the Institut Curie

An inspiration to link histone variant dynamics and genome stability

- 10:10 am **Brittany Vandenberg, Ph.D. candidate, Roberts Lab**
The role of DNA polymerases in causing atypical UV mutation signatures
- 10:25 am **Marcos Perez, Ph.D. , Watts Lab**
Dietary lipids induce ferroptosis in *C. elegans* and human cancer cells
- 10:40 am **Quan Phan, Ph.D. candidate, Driskell Lab**
The epigenetic regulation of fibroblast heterogeneity during murine embryonic development
- 11:00 am **Break**
- 11:10 am **Chasity Trammell, Ph.D. candidate, Goodman Lab**
Coupled small molecules target RNA interference and JAK/STAT signaling to reduce Zika virus infection in *Aedes aegypti*
- 11:25 am **Smitha Sivapragasam, Post-Doctoral Fellow, Wyrick Lab**
CTCF binding modulates UV damage formation to promote mutation hot spots in melanoma
- 11:40 am **Peng Mao, Assist. Prof., University of New Mexico**
BER in chromatin: genome-wide mapping of DNA alkylation and repair

12:10 PM SPEAKER



Dr. Jeffrey Hayes

Principal Investigator
University of Rochester, Medical Center

Chromatin modulators impact H1 CTD structure



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