



# Yale SCHOOL OF MEDICINE

## GENETICS DEPARTMENT SEMINAR SERIES

### Regulation of *C. elegans* primordial germ cells by niche cell interactions and basement membrane signals

Primordial germ cells are the founding cells of the entire germ line and are essential for fertility. I will discuss our latest findings from *C. elegans* describing how interactions with niche cells and basement membrane ensure that primordial germ cells remain quiescent and contain an optimized pool of mitochondria.



#### **Dr. Jeremy F. Nance, PhD**

Professor

Department of Cell Biology  
*NYU Langone Health*

#### **Host: Dr. Kaelyn Sumigray, PhD**

Assistant Professor  
YSM Department of Genetics

**Tuesday, December 13<sup>th</sup>, 2022**

11:30am - 12:30pm

TAC N107 – 300 Cedar Street

[Zoom Link](#)

**Pw: 080122**