# “Centromeres, Telomeres, and Transposable Elements, Oh My!”

Genetics Training Program / CMB Short Course  
Winter 2020

**Jayakrishnan Nandakumar, Ph.D.**  
Department of Molecular, Cellular, and Developmental Biology  
University of Michigan Medical School  
*Introductory Lecture:*  
“Welcome to the Exciting World of Tandem and Interspersed DNA Repeats”

**Amanda Larracuente, Ph.D.**  
Department of Biology  
University of Rochester  
“Retroelements: Conserved Features of Drosophila Centromeres”

**Joseph Peters, Ph.D.**  
Department of Microbiology  
Cornell University  
“Variant CRISPR/Cas-enabled Transposition Systems in Natural and Programed Genome Modification”

**Gary Karpen, Ph.D.**  
Department of Molecular and Cell Biology  
University of California, Berkeley  
“Interrogating Roles for Liquidity in Nuclear Organization and Function”

**Julie Cooper, Ph.D.**  
Department of Biochemistry and Molecular Genetics  
University of Colorado School of Medicine  
“Centromeres Impersonating Telomeres, and Other Forms of Deception at the Chromosome End”

### Public Lectures

For additional information, contact Molly Martin: mollymu@umich.edu.