



Speaker Series

Guest Speaker

**“Informing Clinical Interpretations of Structural Chromosome Rearrangements:
Implementing Evolving Knowledge from Chromatin Structure”**



Cynthia C. Morton, PhD

**William Lambert Richardson Professor of Obstetrics,
Gynecology and Reproductive Biology**

and Professor of Pathology, Harvard Medical School

**Kenneth J. Ryan, M.D. Distinguished Chair in Obstetrics and
Gynecology**

**and Director of Cytogenetics, Brigham and Women’s Hospital
Institute Member, Broad Institute of MIT and Harvard
Chair in Auditory Genetics, University of Manchester, UK**

Structural chromosome rearrangements are hallmarks of genes disrupted or dysregulated in clinical disorders. Next-gen sequencing has made possible rapid identification of breakpoints at nucleotide resolution for annotation of the human genome with application in genetic diagnoses. Interpretation of clinical phenotypes resulting from structural rearrangements has been further empowered by incorporating evolving knowledge of the 3D structure of the genome leading to precision medicine in an era of next-gen cytogenomics.

Monday, March 25, 2019

11:00am – 12:00pm

Gonda Building 1st Floor Conference Room, 1357

Light snack will be provided

To meet with Dr. Cynthia C. Morton, please contact:
Dr. Rita Cantor, cmcdonald@mednet.ucla.edu

To receive seminar notices, contact Charina McDonald (cmcdonald@mednet.ucla.edu)
Upcoming speakers, <https://medschool.ucla.edu/human-genetics/seminar-series>