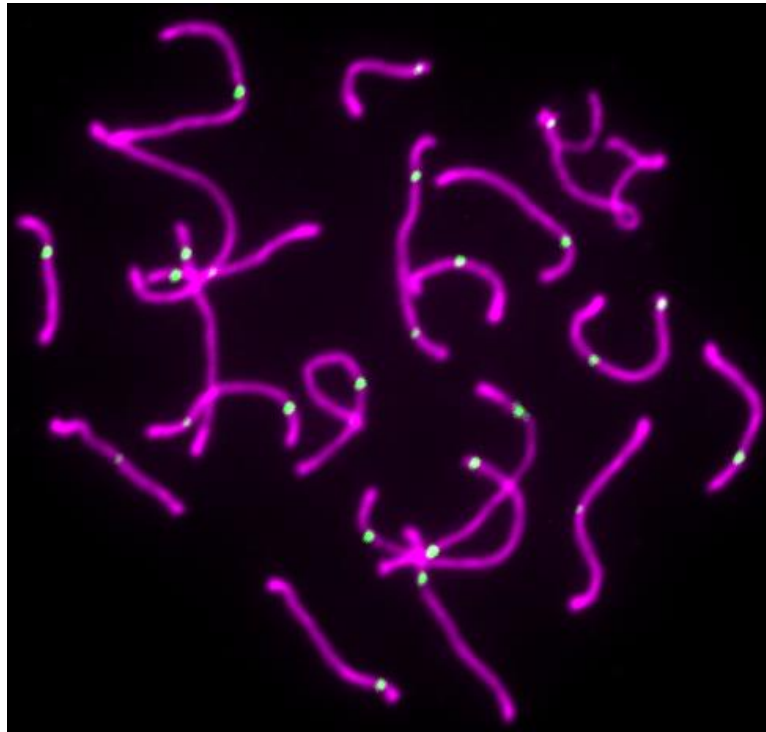




Laboratory of Genetics Faculty Candidate



How chromosome structure and recombination ensure homolog segregation in mammalian meiosis



Thursday, February 20, 2020 @ 10:30 AM
Room 1111 Genetics/Biotech, 425 Henry Mall

Francesca Cole

Associate Professor at the University of Texas MD Anderson Cancer Center



Dr. Cole received her undergraduate degree in biology at Hunter College of the City University of New York. She received her Ph.D. training in biomedical sciences from Mount Sinai School of Medicine of New York University in 2003 where she studied the roles of CDO in midline development and skeletal myogenesis with Dr. Rob Krauss. Her postdoctoral fellowship was conducted in the laboratory of Dr. Maria Jasin at Memorial Sloan-Kettering Cancer Center studying meiotic recombination mechanisms in mouse spermatocytes. She was recruited to the University of Texas MD Anderson Cancer Center as an Assistant Professor in 2012 and was promoted to Associate Professor with tenure in 2018. Her laboratory studies how DNA repair by homologous recombination ensures accurate chromosome segregation into sperm and eggs. She is a CPRIT Scholar, R. Lee Clark Fellow, and NIH New Innovator awardee.

Host: Al Laughon