Oocyte polarity establishment in vertebrates

Through forward genetic adult screens in the zebrafish as well as proteomic studies, her lab has discovered key maternal-effect genes acting in oocyte polarity. One key protein is Bucky ball, a highly disordered protein that is essential for formation of an RNP-mitochondrial aggregate called the Balbiani body, which acts in establishing oocyte polarity.

Dr. Mary Mullins, PhD
Professor of Cell and Developmental Biology
University of Pennsylvania

Host: Dr. Stefania Nicoli, PhD
Assistant Professor
YSM Department of Genetics

Tuesday, November 19, 2019
11:30am - 12:30pm
The Anlyan Center – N107

The Genetics Calendar of Events can be viewed on-line at https://medicine.yale.edu/genetics/events/seminars.aspx