The Genetics of Disruption, From Individual Variation to the Genetic Basis of Environmental Sensitivity

Dr. Julien Ayroles

Department of Ecology and Evolutionary Biology
Princeton University

Dr. Ayroles research focuses on understanding how natural selection shapes genetic variation and reshapes genomic architecture to produce adaptive phenotypes. The genetic architecture of complex traits is not a static blueprint of the phenotype; rather, it is highly dynamic and context-dependent. How do genes interact with each other and their environment to shape variation between individuals? His lab studies the biological basis for this individual variation, using a combination of approaches that focuses on studying natural genetic variation from the lab to the field and from Drosophila to humans.

Monday, April 2, 2018
4:00 p.m.
Auditorium/Room 108
BioBio Building
Refreshments at 3:30 p.m. in the lobby.

Host: Dr. James Cai
jcai@tamu.edu