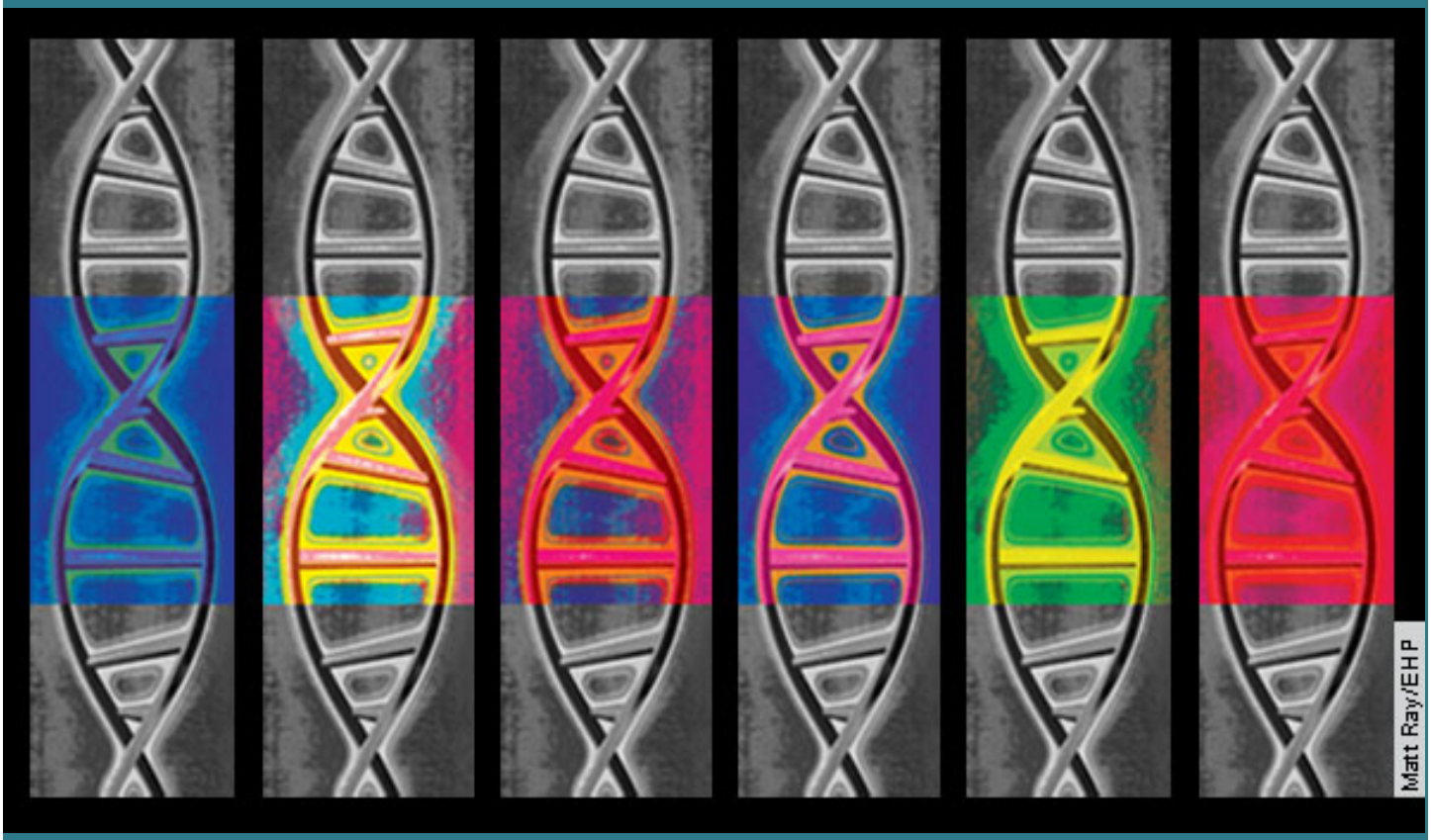
# Fall 2017

## BC225/NB230

# Epigenetics in Health and Disease




Chromatin structural organization plays critical roles in regulating genome functions. This course focuses on current topics in epigenetics, focusing on the role of nuclear structure organization (histone and DNA modification, chromatin remodeling, higher order chromatin structure and nuclear organization) on gene regulation, DNA replication and repair, relevant to development, metabolism, learning and memory, and human disease.

**Instructors: Xing Dai, Haoping Liu, Paolo Sassone-Corsi, Joan Steffan, Marcelo Wood, and Kyoko Yokomori**
**Seminar speakers: Ali Mortazavi, Wei Wang**
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Course Syllabus: **https://eee.uci.edu/17f/90849**