



EXPLORE FUNDAMENTAL MECHANISMS OF EPIGENETIC REGULATION

Each class will cover a unique topic in epigenetics and provide a historical view of the major discoveries that shaped the field with discussions and examination of current literature.

The class meets once weekly (1 credit hour) and fulfills a key requirement of the new **Chromatin & Epigenetics Certificate Program.**

Registration is open to advanced graduate students and first-year BBSP students with previous epigenetics exposure.

READERS, WRITERS & ERASERS OF HISTONE MODIFICATIONS

ATP-DEPENDENT REMODELING

HISTONE VARIANTS

NON-CODING RNAS

CHROMATIN ORGANIZATION

CHEMICAL TOOLS & APPROACHES TO STUDYING EPIGENETICS

THE ROLE OF EPIGENETICS IN HUMAN HEALTH & DISEASE

INSTRUCTORS

Brian Strahl • Rob McGinty • Jill Downen • Doug Phanstiel • Buddy Weisman • Wesley Legant
Jesse Raab • David Williams • Ageliki Tsagaratou • Mauro Calabrese • Ian Davis • Lindsey James
Nate Hathaway • Karl Shpargel • Dan McKay • Paul Maddox • Kerry Bloom • Hector Franco