The Discovery of Histone Demethylases

Yujiang Geno Shi and Yu-ichi Tsukada

After the original version of this article was published, the authors felt that it did not provide a sufficiently accurate account of the discovery of histone demethylases. The authors apologize for failing to recognize this before publication. The description of the discovery of the JmjC histone demethylases from the original article has been modified in the current PDF and HTML versions.

Cold Spring Harbor Perspectives in Biology

The Discovery of Histone Demethylases

Yujiang Geno Shi and Yu-ichi Tsukada

Cold Spring Harb Perspect Biol 2013; doi: 10.1101/cshperspect.a022335

Subject Collection [Epigenetics](#)

Metabolic Signaling to Chromatin

Shelley L. Berger and Paolo Sassone-Corsi

Histone and DNA Modifications as Regulators of Neuronal Development and Function

Stavros Lomvardas and Tom Maniatis

Histone Modifications and Cancer

James E. Audia and Robert M. Campbell

Epigenetics and Human Disease

Huda Y. Zoghbi and Arthur L. Beaudet

Induced Pluripotency and Epigenetic Reprogramming

Konrad Hochedlinger and Rudolf Jaenisch

Long-Range Chromatin Interactions

Job Dekker and Tom Misteli

RNAi and Heterochromatin Assembly

Robert Martienssen and Danesh Moazed

Dosage Compensation in *Drosophila*

John C. Lucchesi and Mitzi I. Kuroda

Epigenetic Determinants of Cancer

Stephen B. Baylin and Peter A. Jones

Maintenance of Epigenetic Information

Geneviève Almouzni and Howard Cedar

A Structural Perspective on Readout of Epigenetic Histone and DNA Methylation Marks

Dinshaw J. Patel

The Necessity of Chromatin: A View in Perspective

Vincenzo Pirrotta

Germline and Pluripotent Stem Cells

Wolf Reik and M. Azim Surani

Comprehensive Catalog of Currently Documented Histone Modifications

Yingming Zhao and Benjamin A. Garcia

Epigenetic Regulation of Chromatin States in *Schizosaccharomyces pombe*

Robin C. Allshire and Karl Ekwall

Histone Variants and Epigenetics

Steven Henikoff and M. Mitchell Smith

For additional articles in this collection, see <http://cshperspectives.cshlp.org/cgi/collection/>

**All Modifications and
Oligo Types Synthesized**
Long Oligos • Fluorescent • Chimeric • DNA • RNA • Antisense

Oligo Modifications?
Your wish is our command.

For additional articles in this collection, see <http://cshperspectives.cshlp.org/cgi/collection/>

**All Modifications and
Oligo Types Synthesized**

Long Oligos • Fluorescent • Chimeric • DNA • RNA • Antisense

Oligo Modifications?
Your wish is our command.