



CDB SEMINAR

Mitsuyoshi Nakao

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Tuesday, August 18, 2015

16:00~17:00 A7F Seminar Room

Epigenetic reprogramming in cancer and energy metabolism

* This seminar is a part of the Epigenetics Seminar Series.

Summary

Modifications on DNA and histones are stably maintained for cell identity. In addition, gene activities at each chromosomal locus are controlled by the regulatory elements such as the enhancer-promoter-insulator and further by the higher-order chromatin formation in the nuclear context. These epigenetic states are occasionally reset by environmental factors, and may be inherited as the cellular memory. This seminar will highlight the non-coding RNA-mediated mechanism in cancer cell adaptation, and the metabolic regulation by the lysine-specific demethylase LSD1.

Host:

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