



The 12th CDB Lecture

Yoshinori Watanabe

The University of Tokyo, Japan

Monday, June 13, 2016

16:00~ C1F CDB Auditorium

Molecular mechanisms underlying faithful chromosome segregation - Inner centromere-shugoshin network -



Yoshinori Watanabe is a professor at The University of Tokyo Institute of Molecular and Cellular Biosciences. He received his Ph.D. from the Department of Biophysics and Biochemistry in 1989 and continued his work in Masayuki Yamamoto's laboratory at the same university. In 1996, he undertook postdoctoral training at Paul Nurse's laboratory at Imperial Cancer Research Institute, UK before returning to the University of Tokyo as an associate professor in 1998. He was made full professor in 2004.

Watanabe studies the mechanisms underlying chromosome segregation during meiosis and mitosis using yeast, mammalian cultured cells, and mice. His work is recognized within the international meiosis research community and he is the recipient of numerous prestigious scientific awards.

Referenes;

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Mad1 promotes chromosome congression by anchoring a kinesin motor to the kinetochore.
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Meikin is a conserved regulator of meiosis-I-specific kinetochore function.
Nature 517, 466-471 (2015)

Host:

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