



FBS Seminar

Nov 24 (Fri), 2017
16:00 - 17:00

2F Seminar room, BioSystems Building

Dr. Ines Anna Drinnenberg

CNRS, Institut Curie, Paris

Evolutionary transitions provide insights into RNAi and centromere biology

Eukaryotes span a large range of morphological diversity. Yet, many biological pathways that are fundamental for eukaryotic life are highly similar. In order to investigate those pathways, traditional approaches have focused on the conserved aspects of such pathways. Indeed, this is the basis of most model organism research. As an alternative complementary approach, we are investigating unexpected evolutionary transitions in conserved pathways such as exceptional losses of critical pathway components. Analyzing those transitions and their associated consequences provides unique insights that would otherwise remain hidden using traditional approaches. We applied this approach to study two fundamental biological processes, RNA interference (RNAi) and chromosome segregation.

Chairperson: Tatsuo Fukagawa

If you want to speak with Dr. Drinnenberg in person, please let me know. I will arrange the Interview with her.

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セミナー前後に彼女と個別の discussion 行いたい方は、深川までご連絡ください。時間をアレンジいたします。