



EMBO | Japan Virtual Lectures

How do piRNAs defend the germline genome from invasive transposons?

December 1, 2021 | 15:45 – 18:15 JST

15:45–15:50: Welcome

Prof. Maria Leptin, Former Director, EMBO, Germany

15:50–16:20: piRNA-guided transcriptional repression

Dr. Julius Brennecke, Senior Group Leader, Institute of Molecular Biotechnology (IMBA), Vienna, Austria

16:20–16:30: Q&A session

Moderated by Prof. Kuniaki Saito, Professor, National Institute of Genetics, Mishima, Japan

16:30–17:00: Evolution of mammalian small RNA pathways - mice vs. golden hamsters

Prof. Petr Svoboda, Professor, Institute of Molecular Genetics of the Czech Academy of Sciences, Prague, Czech Republic

17:00–17:10: Q&A session

Moderated by Prof. Kuniaki Saito

17:10–17:40: piRNA biogenesis and its regulation in *Drosophila*

Prof. Mikiko Siomi, Professor, The University of Tokyo, Japan

17:40–17:50: Q&A session

Moderated by Prof. Kuniaki Saito

17:50–18:15: Meet the speakers