



Institute of Animal Physiology and Genetics CAS

Laboratory of DNA integrity

invites you to attend the lecture

**„The role of the two-pronuclear state
in mammalian zygotes.“**

Speaker:

Tomoya Kitajima Ph.D., Laboratory for Chromosome Segregation, RIKEN
Center for Biosystems Dynamics Research, Kobe, Japan

14th of July 2023 at 11 am

IAPG Conference Room, Rumburska 89, 277 21 Libechov



Dr. Tomoya Kitajima is a team leader of the Laboratory for Chromosome Segregation. His team is **focused on the mechanisms underlying chromosome segregation** during meiosis in mammalian oocytes and during mitosis in fertilized mammalian eggs, as well as age-related errors in oocytes and fertilized eggs. His laboratory uses **high-throughput and high-resolution live imaging techniques** of mouse oocytes combined with micromanipulation and genetic engineering methods.