



INTERNATIONAL MINI - CONFERENCE

CHROMOSOMES AND MITOSIS

December 16, 2015
 Conference hall
 Institute of Molecular and Cellular Biology
 Lavrent'ev Ave., 8/2
 Novosibirsk, Russia

9:00 – 9:30	Conference participants registration
9:30 – 10:15	Maurizio Gatti <i>Sapienza University, Rome, Italy</i> Telomeres
10:15 – 11:00	Paola Vagnarelli <i>Brunel University, London, UK</i> Centromeres
11:00 – 11:25	Coffee break
11:25 – 11:55	Eva Bartova <i>Institute of Biophysics, Brno, The Czech Republic</i> Epigenetics and DNA repair
11:55 – 12:20	Elena V. Kiseleva <i>Institute of Cytology and Genetics SB RAS, Novosibirsk, Russia</i> The connection of nuclear microtubules to the yeast spindle pole body visualized with scanning electron microscopy
12:20 – 12:40	Leonid V. Omelyanchuk <i>Institute of Molecular and Cellular Biology SB RAS, Novosibirsk, Russia</i> Flux in mitotic spindle and FRAP curve theory
12:40 – 13:00	Anton A. Strunov <i>Institute of Molecular and Cellular Biology SB RAS, Novosibirsk, Russia;</i> <i>Institute of Cytology and Genetics SB RAS, Novosibirsk, Russia</i> Peering into Drosophila S2 cell mitosis: new details of nuclear envelope and microtubule ultrastructural dynamics
13:00 – 13:10	Juliya A. Galimova <i>Institute of Molecular and Cellular Biology SB RAS, Novosibirsk, Russia;</i> <i>Novosibirsk State University, Novosibirsk, Russia</i> Spindle microtubule regrowth after cold- or colcemid-induced tubulin depolymerization in Drosophila S2 cells
13:10 – 13:20	Gera A. Pavlova <i>Institute of Molecular and Cellular Biology SB RAS, Novosibirsk, Russia;</i> <i>Kazan Federal University, Kazan, Russia</i> The roles of microtubule destabilizing kinesins in the mechanisms underlying kinetochore-driven microtubule growth in Drosophila S2 cells
13:20 – 13:30	Juliya V. Popova <i>Institute of Molecular and Cellular Biology SB RAS, Novosibirsk, Russia;</i> <i>Institute of Cytology and Genetics SB RAS, Novosibirsk, Russia</i> The roles of EB1, MAST/ORBIT, MARS/HURP and MEI-38/TPX2 in the mechanisms underlying kinetochore-driven microtubule growth in Drosophila S2 cells