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