

CONFERENCE

“Dynamic Structure of the Cell Nucleus”

May 27, 2011

Kraków, Poland

Conference Venue:

Polish Academy of Science and Arts
Kraków, Sławkowska Street no 17



Committee of Embryology and Morphology
of the Polish Academy of Science and Arts

Organizing Committee:

Elżbieta Pyza (Tel. 12 663 26 42, E-mail: elzbieta.pyza@uj.edu.pl),
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Programme

Session I

9.00–9.15 Opening

9.15–9.45

Jarema Malicki (Tufts University, USA)

Mechanisms that position the nucleus in the cytoplasm.

9.55–10.25

Ronald Berezney (University at Buffalo, USA)

Nuclear architecture and genomic function: deciphering the chromosome code.

10.35–11.05

Ivan Raška (Charles University, Czech Rep.)

Fine structure of the "Polycomb body" in human U-2OS cells established by correlative light-electron microscopy.

11.15–11.30 Coffee break

11.30–11.50

Grzegorz Wilczyński

(Nencki Institute of Experimental Biology, Polish Academy of Sciences Poland)

Structural changes of the neuronal cell nucleus upon seizures.

12.00–12.20

Szymon Świeżewski

(Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Poland)

Long ncRNA in plants.

12.30–14.00 Lunch

Session II

14.00–14.20

Zbigniew Polański (Jagiellonian University, Poland)

Chromosome separation during mammalian oocyte meiosis.

14.30–14.50

Maria Skrzyszowska (National Research Institute of Animal Reproduction, Poland)

Remodeling of interphase cell nuclei in the cytoplasm of metaphase II oocytes reconstructed by somatic cell cloning.

15.00–15.20

Ewa Borsuk (University of Warsaw, Poland)

Phosphorylation of histone H3 serine 10 and the control of first embryonic mitoses in the mouse by Aurora kinases.

Poster session 16.00–18.00