



MITOCHONDRION 2014

MitoImaging Workshop

12 May 2014, Warsaw, POLAND

organized by:

Nencki Institute

Polish Mitochondrial Network MitoNet.pl

Bioenergetic Section of Polish Biochemical Society

Conference Venue: Nencki Institute of Experimental Biology,
Polish Academy of Science,
Conference Hall of Neurobiology Center
3 Pasteur Street, 02-093 Warsaw, Poland

9.30 - 10.30 **Registration and coffee**

10.30 - 10.40 **Welcome by Adam Szewczyk, Director of the Nencki Institute**

Session 1 (Chair: Adam Szewczyk)

10.40 - 11.20 **Chris Bakal (*Institute of Cancer Research, London*)**
Systems-level Analysis of the Signaling Networks Regulating
Mitochondrial Form

11.20 - 12.00 **Thomas Misgeld (*Institute of Neuronal Cell Biology,
München*)** *In vivo* imaging of neuronal mitochondria

12.00 - 12.30 **Coffee break**

Session 2 (Chair: Jerzy Duszyński)

12.30 - 13.10 **Suliana Manley** (*Institute of Physics of Biological Systems, Lausanne*) Live cell superresolution imaging and single molecule tracking in mitochondria

13.10 - 13.20 **Joanna Szczepanowska** (*Nencki Institute, Warsaw*) Mitochondrial network in retrograde signaling.

13.20 - 13.30 **Renata Skibior** (*Faculty of Biotechnology, University of Wrocław*) Loss of FtsH4 perturbs mitochondrial dynamics

13.30 - 13.40 **Jędrzej Szymański** (*Nencki Institute, Warsaw*) Diffusion of Drp1 in a living cell – insight into the fission mechanism

13.40 - 13.50 **Martyna Urbanek** (*Institute of Bioorganic Chemistry, Poznań*) Illuminating the triplet repeat RNA in motion with live imaging systems

13.50 - 14.00 **Bartłomiej Augustynek** (*Nencki Institute, Warsaw*) New insights into function of mitochondrial BK channel in brain

14.00 - 15.30 **Lunch**

15.30 - 17.30 **Nencki Institute Neurobiology Centre imaging facilities site visit** (guided by Tytus Bernaś)

17.30 – 19.00 **Farewell party at the Nencki Institute**

Organizing Committee:

Joanna Szczepanowska

Adam Szewczyk

Jerzy Duszyński

