

## Polish Science Towards EMBL Conference

**June 19-20, 2018**

Nencki Institute of Experimental Biology, Polish Academy of Sciences  
3 Pasteur St., 02-093 Warsaw, Poland  
Conference Room of the Nencki Neurobiology Centre, 1<sup>st</sup> floor

### Agenda

#### Tuesday, June 19, 2018

#### **Nencki - EMBL Symposium on Molecular BioMedicine**

- 13.30-14.00      *Registration + welcome coffee*
- 14.00-14.10      Welcome: Agnieszka Dobrzyn (Nencki Institute, Warsaw, Poland / Director)  
  
Introduction: Leszek Kaczmarek (Nencki Institute, Warsaw, Poland / EMBL Council delegate)
- 14.10-14.40      Lecture 1: Bożena Kamińska (Nencki Institute, Warsaw, Poland)  
Tumor-derived molecules shape tumor microenvironment: from biology to therapy.
- 14.40-15.10      Lecture 2: Kyung-Min Noh (EMBL, Heidelberg, Germany)  
Dynamics and function of histone variant H3.3 in embryonic stem cells and neurons.
- 15.10-15.40      Lecture 3: Grzegorz Węgrzyn (University of Gdansk, Poland)  
Novel approach for treatment of neurodegenerative diseases, based on genistein-mediated stimulation of autophagy.
- 15.40-16.10      *Coffee break*
- 16.10-16.40      Lecture 4: Carmen Sandi (Ecole Polytechnique Federale de Lausanne, Switzerland)  
Brain mitochondria in anxiety and stress-coping behaviors.
- 16.40-17.10      Lecture 5: Katarzyna Kotulska-Jóźwiak (Children's Memorial Health Institute, Warsaw, Poland)  
Understanding of epileptogenesis: towards prevention of epilepsy and its neuropsychiatric comorbidities.
- 17.10-17.40      Lecture 6: Alicja Jóźkowicz (Jagiellonian University, Cracow, Poland)  
Good seed and good soil: a recipe for longevity of hematopoietic stem cells.
- 17.40-20.00      *Poster session*

**Wednesday, June 20, 2018**

**Poland - EMBL: Synergy / Opportunities / Perspectives**

- 09.00-09.30      *Registration + coffee*
- 09.30-12.00      *Scientific lectures*
- 09.30-10.00      Lecture 7: Ewelina Knapska (Nencki Institute, Warsaw, Poland)  
Circuit- and symptom- specific targeted therapy of Fragile X Syndrome rescues cognitive impairments and normalizes synaptic plasticity in central amygdala.
- 10.00-10.30      Lecture 8: Robert Prevedel (EMBL, Heidelberg, Germany)  
New tools for optical recording of neuronal activity across model organisms.
- 10.30-11.00      Lecture 9: Michael Owen (Cardiff University, UK)  
Genetics and the Nature of Schizophrenia.
- 11.00-11.30      Lecture 10: Andrzej Dziembowski (Institute of Biochemistry and Biophysics, Polish Academy of Sciences / University of Warsaw, Poland)  
Regulation of gene expression by non-cannonical poly(A) and poly(U) polymerases.
- 11.30-12.00      Lecture 11: Agnieszka Chacińska (Centre of New Technologies, University of Warsaw, Poland)  
Cellular stress management: the case of mitochondria.
- 12.00-13.00      *Lunch*
- 13.00-14.00      Poland joining EMBL session:  
A message from Agnieszka Dobrzyń, Director of the Nencki Institute  
Prof. Jarosław Gowin, Polish Minister of Science and Higher Education  
Prof. Iain Mattaj, EMBL Director General  
Prof. Leszek Kaczmarek, Nencki Institute / EMBL Council delegate  
Prof. Andrzej Legocki, President of the Polish Biochemical Society  
Prof. Jerzy Duszyński, President of the Polish Academy of Sciences  
Prof. Grzegorz Węgrzyn, Chair of the Committee of Molecular and Cellular Biology, Polish Academy of Sciences
- 14.00-14.30      *Press Conference + coffee break*
- 14.30-15.00      Opportunities for Polish researchers at EMBL: Silke Schumacher (EMBL Director International Relations)
- 15.00-15.30      Lecture 12: Maciej Figiel (Institute of Bioorganic Chemistry, Polish Academy of Sciences, Poznań, Poland)  
Multifaceted pathogenesis of polyQ neurodegenerative disease uncovered using mouse models and stem cells.
- 15.30-16.00      Lecture 13: Marcin Drąg (Wrocław University of Science and Technology, Poland)  
In quest of optimal technology to investigate activity of proteolytic enzymes in health and disease.
- 16.00-16.30      Lecture 14: Krzysztof Sobczak (Adam Mickiewicz University in Poznań, Poland)  
Pathomechanism of myotonic dystrophy and potential therapeutic strategies.
- 16.30              *Closing of the Conference*