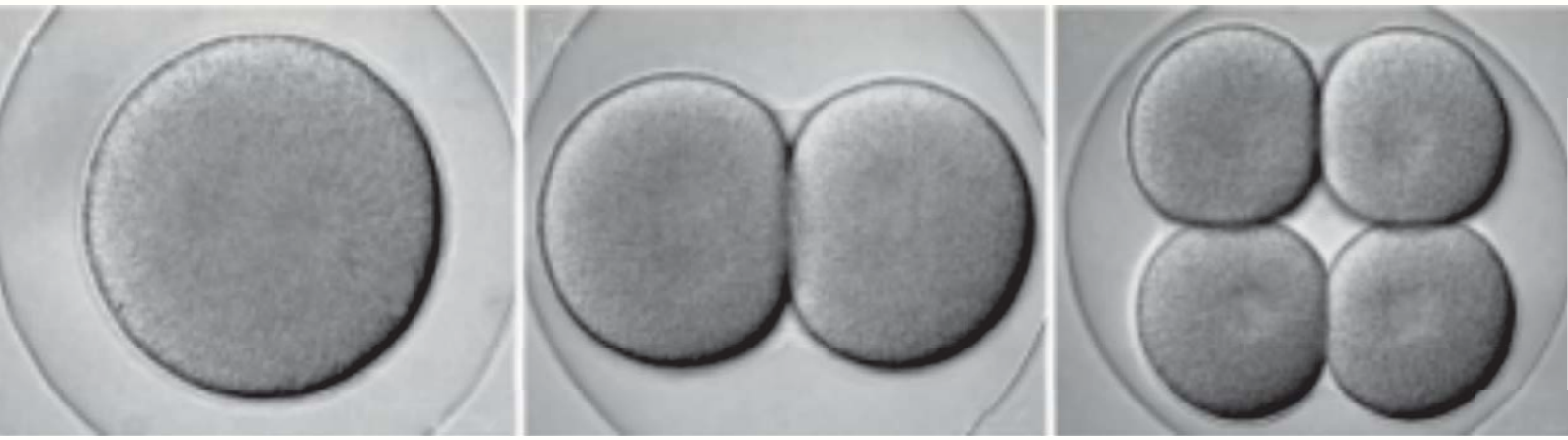
The Committee of Developmental Biology
of the Polish Academy of Arts and Sciences

Progress in Developmental Biology



May 26, 2017

Polish Academy of Arts and Sciences
Kraków, 17 Sławkowska St., Large Auditorium

PROGRAMME*

9:00–9:15 **Welcome address**

9:15–10:10 **Siegfried Roth** (University of Cologne, Germany)
The evolution of dorsoventral patterning in insects

10:10–10:30 **Wacław Tworzydło** and **Szczepan M. Biliński**
(Jagiellonian University, Poland)
Early asymmetry of *Thermobia* oocytes: the role of Balbiani body and meiotic bouquet

10:30–11:25 **Alicia Hidalgo**
(University of Birmigham, United Kingdom)
Structural plasticity by the *Drosophila* Neurotrophin system

11:25–11:40 Break

11:40–12:35 **Ulrich Hammes** (Regensburg University, Germany)
Amino acid cycling: impact on yield and development

12:35–13:15 **Agnieszka Jędrusik** and **Magdalena Zernicka-Goetz**
(Cambridge University, United Kingdom)
Self-organization of the human embryo in the absence of maternal tissues

13:15–13:55 **M. Wigger**[1], **K. Świtoń**[1,2], **K. Filimonow**[1,2], **B. Plusa**[2], **M. Maleszewski**[1] and **A. Suwińska**[1]
([1]University of Warsaw, Poland,
[2]University of Manchester, United Kingdom)
Inner cell mass of the mouse blastocyst: cell fate vs cell plasticity

14:00–15:00 Break

15:00–15:15 **K. Filimonow**[1,2], **N. Saiz**[2], **A. Suwińska**[1], **T. Wyszomirski**[1], **J.B. Grabarek**[2], **B. Plusa**[2] and **M. Maleszewski**[1]
([1]University of Warsaw, Poland;
[2]University of Manchester, United Kingdom)
Downregulation of E-cadherin does not influence cell fate or spatial separation of Epi and PrE in mouse blastocyst

15:15–15:30 **D.K. Sabat**, **M. Szpila**, **A. Kiełbasa**, **M. Brouze**, **A. Przychodzka**, **K. Prokurat**, **K. Szczepańska** and **A. Ajduk** (University of Warsaw, Poland)
Waiting for sperm does not pay off. Effects of postovulatory aging on developmental potential of mouse oocytes

15:30–16:00 **Józef Dulak**
(Jagiellonian University, Poland;
Kardio-Med Silesia, Zabrze, Poland)
Stem cells in research and therapy: hopes and hypes

16:00–16:30 **Anna Maria Osyczka**
(Jagiellonian University, Poland)
Latest developments in osteogenesis

16:30–16:45 Break

16:45–18:00 **Poster session**

* the presenting author is underlined

Ministry of Science and Higher Education
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