

5th European Joint Theoretical/Experimental Meeting on Membranes (EJTEMM2017), Kraków, Poland, December 6–8 2017

The 5th European Joint Theoretical/Experimental Meeting on Membranes (EJTEMM2017) was organised by the Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University in Kraków, Poland, and was held on 6–8 December, 2017. The Faculty is a leading centre on membrane research carried out by both, experimental and computational methods.

Previous EJTEMM meetings were organised in Limoges (2013, Patrick Trouillas), Olomouc (2014, Michal Otyepka), Stockholm (2015, Stefan Knippenberg), and Bratislava (2016, Norbert Kučerka and Daniela Uhríková).

EJTEMM's are interdisciplinary meetings. Their main aim is to gather both, the experimentalists and theoreticians, mainly from Europe, to enable them to exchange information, to discuss and present results of their research on the structural, dynamic and functional aspects of biomembranes and their models using experimental, computational and theoretical approaches. This is to strengthen links between research groups and to promote better understanding between experimentalists and theoreticians.

The EJTEMM2017 meeting in Kraków was attended by 81 scientists, most of them from Europe but also from the USA, Japan, Brazil and India, representing 32 research institutions and 14 countries. During the 2-day conference, there were 28 oral and 43 poster presentations (71 presentations in total), divided into eight sessions:

1. Membranes, membrane components and membrane functions
2. Membrane organisation
3. Lipid nanostructures
4. Lipid oxidised forms
5. Membrane modifiers
6. Diffusion of membrane components
7. Membrane transport
8. Methods.

The Meeting's programme also included special attractions, such as the Conference Banquet and the Conference Special lecture delivered by Professor Ole G. Mouritsen, entitled: *The science of deliciousness*.

The conference program was a mutual effort of the members of the Programme Committee consisting of prominent membrane scientists: Akihiro Kusumi, W. Karol Subczynski, Tomasz Róg, Piotr Jurkiewicz and Łukasz Cwiklik.

The success of the Meeting in Kraków was possible thanks to the hard work and devotion of the Local Organising Committee members: Magdalena Tworzydło, Bożena Milanović and Robert Szczelina, and thanks to the financial support of the Meeting's Sponsors: Faculty of Biochemistry, Biophysics and Biotechnology (KNOW funds); Polish Academy of Sciences; Polish Biochemical Society; NanoTemper Technologies GmbH; Selvita S.A.; Professor Zygmunt Wasylewski Foundation.

This issue of *Acta Biochimica Polonica* contains selected papers on the research presented during the Meeting, and related to its main topic, reporting membrane studies carried out using experimental and computational methods.

**Marta Pasenkiewicz-Gierula,
Chair
Programme Committee and Local Organising Committee**