

# CREATE 2<sup>nd</sup> scientific symposium

## Physical Chemistry in biological systems – towards comprehensive research on eye and vision

Join the **CREATE 2<sup>nd</sup> scientific symposium!**

Institute of Physical Chemistry PAS | Assembly Hall | 9:00 am - 12:30 pm

8:30-9:00 Registration and coffee

9:00 – 11:10 1<sup>st</sup> session: Invited talks

9:00	<b>Prof. Maciej Wojtkowski</b>	<i>Introduction</i>	Institute of Physical Chemistry, PAS
9:10	<b>Prof. Krzysztof Palczewski</b>	<i>Systems pharmacology links GPCRs with retinal degenerative disorders</i>	University of California, Irvine, USA
9:40	<b>Prof. Dr. Karl-Wilhelm Koch</b>	<i>Biophysical approaches to understand biomolecular interactions in vision</i>	University of Oldenburg, Germany
10:10	<b>Prof. Arie-Lev Gruzman</b>	<i>Fighting retinal degenerative diseases with RPE65-inhibitors</i>	Bar-Ilan University, Israel
10:40	<b>Prof. Olaf Strauss</b>	<i>The retinal pigment epithelium: a partner in visual function and interface to the body system</i>	Charité - Universitätsmedizin Berlin, Germany

11:10-11:30 Coffee break

11:30 – 12:30 2<sup>nd</sup> session: Advancements in research on physical optics & biophotonics

11:30	<b>Dr. Egidijus Aukorius</b>	<i>Towards improving imaging depth and speed in full-field optical coherence tomography</i>	Institute of Physical Chemistry, PAS
11:45	<b>Dr. Dawid Borycki</b>	<i>Spatio-temporal Optical Coherence Imaging</i>	Institute of Physical Chemistry, PAS
12:00	<b>Dr. Łukasz Kornaszewski</b>	<i>Towards safe two-photon functional in vivo imaging of human retina</i>	Institute of Physical Chemistry, PAS
12:15	<b>Dr. Karol Karnowski</b>	<i>Developing OCT systems for in vivo imaging of the cornea in response to a dynamic loading</i>	Institute of Physical Chemistry, PAS

12:30-1:30 Lunch

**Registration deadline: 12 June 2019** | conference fee - free of charge

For more details visit: <http://create.edu.pl/>



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