

PROGRAM

13 November 2020 (Friday)

9:30 REGISTRATION

9:45 SCHOOL OPENING (Welcome to small conference hall)

10:00 – 10:15 Prof. Olga Sokolova, MSU Greeting

10:15 – 10:45 Dr. Elena Zaklyazminskaya,
Head of Laboratory of
medical genetics, RSCS Клиническое и генетическое
разнообразие сердечных каналопатий

10:45 – 11:15 Dr. Valeriya Rusinova,
Research Fellow of
Laboratory of medical
genetics, RSCS Мутации в гене SCN5A при синдроме
Бругада

11:15 – 11:45 Prof. Denis Abramochkin,
Senior Research Fellow,
MSU Дисбаланс ионных токов INa и IK1 –
главная причина гибели рыб при
гипертермии

11:45 – 12:15 Dr. Alexandra Luginina,
Senior Research Fellow of
Laboratory of structural
biology of GPCR, MIPT Структурные исследования GPCR: от
генетической конструкции до
прогнозирования лекарств

12:15 – 12:35 *Coffee-break*

12:35 – 13:05 Prof. Gildas Loussouarn,
CNRS Research Director of
Institut du Thorax How voltage-sensor movement transfers
to gate opening in several voltage-gated
channels

13:05 – 13:35 Prof. Ekaterina Lyukmanova,
Head of Laboratory of
bioengineering of
neuromodulators and Структурная биология: вчера, сегодня,
завтра. Новая магистерская программа
биологического факультета МГУ.

neuroreceptors, IBCH RAS

13:35 – 14:05 Prof. Zakhar Shenkarev, Head of Group of structural biology of ion channels, IBCH RAS Структурные исследования каналов семейства P-loop: какие данные мы можем получить, используя различные методы

14:05 – 15:00 *Lunch Time*

15:00 – 15:30 Dr. Anton Chugunov, Head of Group of in silico analysis of membrane proteins structure, IBCH RAS Temperature sensor TRPV1: computational and biochemical insights

15:30 – 16:00 Prof. Olga Sokolova, Head of Structural biology group, Department of bioengineering, Faculty of biology, MSU The use of lipodiscs for structural studies of human voltage-dependent ion channels

16:00 – 16:30 Dr. Valeriy Novoseletsky, Department of bioengineering, Faculty of biology, MSU Моделирование структуры и функции ионных каналов

16:30 – 17:00 Dr. Konstantin Mineev, Senior Research Fellow of Laboratory of biomolecular NMR-spectroscopy, IBCH RAS Single-pass cell receptors: mechanisms of action and spatial structure

17:00 SCHOOL CLOSING
