

## **International workshop**

### **“Molecular mechanisms of aging and aging-related diseases”**

**MIPT, 9-10 of October 2015**

#### **9th of October, Friday**

10:00 Opening/Rector of MIPT N. Kudryavtsev

10:10 Information of the rector board/vice-rector T. Aushev

#### **Presentation of the Projects**

10:30 General description of the whole project

10:50 Membrane Protein Advanced Studies lab project (G. Bueldt)

11:20-11:40 Coffee break

11:40 Presentation of GPCRs lab project (V. Cherezov)

12:10 Presentation of V. Chupin lab project (V. Chupin)

12:40 Presentation of Optogenetics lab project (V. Gordeliy)

13:10-14:40 Lunch

14:40 Presentation of Aging lab project (N. Dencher)

15:10 Presentation of Borschevskiy young researcher group project

15:30 Presentation of Guschinin young researcher group project

15:50 Presentation of Schevchenko young researcher group project

16:10-16:30 Coffee break

16:30-18:00 Round table - discussion of the projects

18:30 Lecture for the students from Ray Stevens. Productive Adventures in Structure Based Drug Discovery of the Human Body

20:00 Discussions

## **10th of October, Saturday**

10:00-11:10 Visit of the infrastructure facilities (MIPT)

11:10-11:30 Coffee break

11:30 Research infrastructure of MIPT: present, nearest future and future plans

### **Presentation of the Projects (continuation)**

12:30-13:00 Alzheimer lab project (D. Willbold)

13:00-14:30 Lunch

14:30-16:00 Round table: Discussion of the projects and organization of new labs

16:00-16:20 Coffee break

16:20-16:50 Local meetings

17:00-17:30 Meeting with vice-rector T. Aushev

17:00 -18:00 Final Discussions

18:30 Lecture for the students from Ernst Bamberg. Microbial Rhodopsins: Molecular Mechanism and Optogenetics.

20:00 Dinner

## **12th of October, Monday (additional events)**

10:00-12:00 Local meetings

18:30 Lecture for the students from Norbert Dencher. Structure, dynamics and function of biomembranes change during ageing and by the neurodegenerative diseases Alzheimer`s and Parkinson`s.