



European Commission  
**TEMPUS**

**Post-graduate Training Network in Biotechnology of Neurosciences (BioN)**

**2<sup>nd</sup> PROJECT MANAGEMENT MEETING**

Thursday 23.09. 2010, Kaluga, Russia

Friday 24.09.2010, Bekasovo, Russia

**PROGRAM**

**Thursday September 23, 2010**

*Auditorium 208* New Building of Kaluga Department of Timiryazev' Agrarian University Kaluga Vishnevskogo str. 27. <http://kaluga.timacad.ru/>

**Chairman Prof. Pavel Balaban**

15:00 – 15:10 OPENING OF THE MEETING – **Prof. Pavel Balaban** (*Institute of Higher Nervous Activity and Neurophysiology IHNA, Moscow*)

15:10 – 15:20 PRESENTATION OF THE BION PROGRAM- **Dr. Anna Shestakova** (*Saint-Petersburg State University SPU*)

15:20 – 15:40 MODERN NEUROSCIENCE RESEARCH AND PHD STUDENTS (UNIVERSITY OF HELSINKI) - **Prof. Kai Kaila and Dr. Katri Wegelius** (*University of Helsinki HU, Finland*)

15:40 - 16:00 PHD PROJECTS IN PATCH-CLAMP STUDIES (UMEA UNIVERSITY) - **Dr Staffan Johansson** (*Umea University, Sweden*)

16:00 - 16:30 *Coffee-break*

16:30 - 16:50 RESEARCH AND POST-GRADUATE EDUCATION AT THE MRC COGNITION & BRAIN SCIENCES UNIT – **Dr. Yury Shtyrov** (*MRC Cognition and Brain Science Unit, MRC, Cambridge, UK*)

16:50 - 17:10 NEUROBIOLOGY IN MSU - **Prof. Latanov** (*Lomonosov' Moscow State University MSU*)

17:10-17:30 NEW EDUCATIONAL TECHNOLOGIES IN BIOLOGY: ELECTRONIC TEXT-BOOKS AS MODERN PEDAGOGICAL APPROACH - **Prof Evgeny Aydarkin** (*Southern Federal University SFU*)

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17:30-17:50- POST-GRADUATE EDUCATION IN NEUROBIOLOGY ON THE DEPARTMENT OF HIGHER NERVOUS SYSTEM AND PSYCHOPHYSIOLOGY OF SPU – **Prof. Gennady Kulikov** (SPU)

17:50-18:10 – TECHNOLOGY OF NEUROANIMATIC SYSTEMS. SECOND SCHOOL OF BION- **Dr. Viktor Kazantsev** (State University of Nizhny Novgorod)

18:10-18:30 - **Poster presentations:**

1. PREPARATION AND REALIZATION OF COURSES BASED ON THE STUDY OF BRAIN BY METHODS OF NUCLEAR-MAGNETIC RESONANCE IN MASTER PROGRAMS OF PHYSIOLOGICAL DEPARTMENTS IN SPU **Dr. Pavel Zykin, Prof. Elena Krasnoshchekova** (SPU)

2. TEACHING METHODS OF ANIMAL BEHAVIOR VIDEO-REGISTRATION AND VIDEO-TRACKING TO PHYSIOLOGY STUDENTS **Dr. Marina Pleskacheva, Pavel Kuptsov** (MSU)

3. NEUROSCIENCE RESEARCH FIELDS FOR PHD PROJECTS IN ITALIAN INSTITUTE OF TECHNOLOGY

4. NEUROSCIENCE RESEARCH FIELDS FOR PHD PROJECTS IN A.F.IOFFE PHYSICO-TECHNICAL INSTITUTE. **Dr. Anton Chizhov, Elena Smirnova** (A.F.Ioffe Physico-technical Institute, Saint-Petersburg)

18:30 -21:00 **Round table**

19:00-19:30 *Finalizing curriculum for BioN post-graduate training – Dr. Ivan Pavlov, University College London, UK*

19:30-19:45 *3d intensive school of BioN – Dr. Viktoria Moiseeva, (MSU)*

19:45-20:00 - *Schedule for monthly seminars in neurobiotechnology*

20:00-20:30 – *Procedure of student placements in BioN partners' laboratories.*

**Friday, September 24<sup>th</sup>, 2010**

**9:00 Departure to Bekasovo**

**Conference-hall, Hotel Bekasovo, building 1.**

11:00-13:00- *Interactive discussion of the project activities: schedule and responsibilities-*  
**Dr. Olga Martynova**

- *Organization of modular courses for PhD students –Dr. Anna Shestakova (SPU)*
- *Organization of seminars for teachers: -3 cycle education and ECTS and modern teaching methodology*

13:00 - *starting BioN school program*

## Participants

Susanna Asatryan, Laboratory of Nonlinear Processes in Biosystems, Institute of Applied Physics, Department of Neurodynamics and Neurobiology, University of Nizhny Novgorod

Dr. Evgeny Aydarkin, Vice-Rector for Research, Head of the Department of Human and Animal Physiology, Southern Federal University SFU, [aydarkin@sfedu.ru](mailto:aydarkin@sfedu.ru)

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Prof. Irina Muhina, State Medical Academy of Nizhny Novgorod

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Students of BioN partners institutions

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