

NEUROTWIN

HORIZON 2020 PROJECT

Kick-off meeting

30.09.2019, Kyiv

Nana Voitenko, Coordinator,
Head of Department of Sensory Signaling at
Bogomoletz Institute of physiology (BIPH), Ukraine



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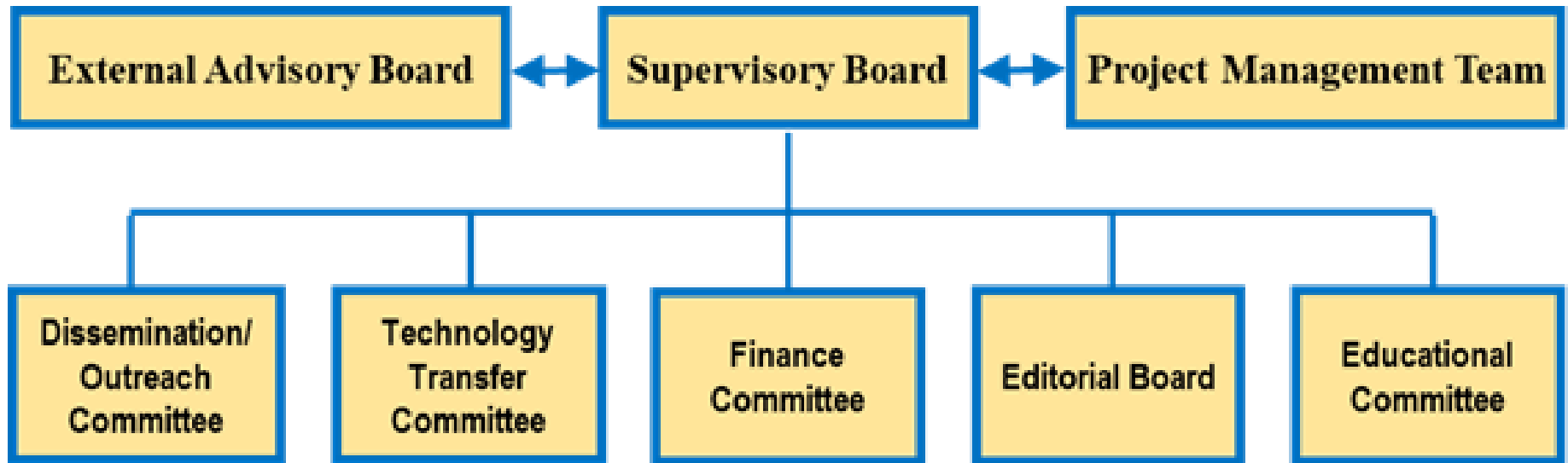
Pan-European twinning to re-establish world-level Neuroscience Centre in Kiev (NEUROTWIN)

Participant No	Participant organisation name	Country
1 (Coordinator)	Bogomoletz Institute of Physiology (BIPH) Team Leader – Nana Voitenko	Ukraine
2	University College London (UCL) Team Leader – Dmitri Rusakov	UK
3	Instituto de Biologia Molecular e Celular (IBMC) Team Leader – Boris Safronov	Portugal
4	Zentrum fuer Soziale Innovation (ZSI) Team Leader – Gorazd Weiss	Austria
5	Technical University of Munich (TUM) Team Leader – Arthur Konnerth	Germany
6	Uppsala University (UU) Team Leader – Georgy Bakalkin	Sweden

The objectives of NEUROTWIN include:

- Strengthening scientific excellence and innovation capacity of BIPH and twinning Partners in Cellular and Molecular Neuroscience;
- Improving possibilities of BIPH international funding;
- Raising the scientific quality of Ukrainian early stage researchers in a field of Neuroscience;
- Boosting productive communication with the public and the policymakers in Ukraine, to advocate the importance of Neuroscience research for public health and biomedical education.

Network organization and management structure



Management structure

Supervisory Board of the project will comprise all Team Leaders - **Nana Voitenko, Dmitri Rusakov, Boris Safronov, Gorazd Weiss, Arthur Konnerth, and Georgy Bakalkin** - and be chaired by the Project Coordinator. The SB will have overall responsibility for the Consortium. It will make decisions on all aspects of the Project, both strategic and tactical, coordinate educational activities, knowledge transfer, management, communication and dissemination activities, as well as will monitor and control Project progress and quality, assess risks, legal, ethical, financial and administrative activities related to the project execution. The success of the Project will be based on a clear managing structure, and a fair dispute resolution process. The SB, via its Coordinator, will make regular reports to the European Commission and Participants, approve financial reports, and set up the dates and agenda for the meetings and workshops. Major responsibilities of the Coordinator will be to keep permanent contact with the European Commission, to monitor and control the progress of the Project, to facilitate resolution of disputes within the Consortium, to prepare all reports and information required by the European Commission, to control the execution of action points raised by the SB, and to facilitate communication between the Participants. Decision making process will be based on the consensus between the Participants.

Management structure

Project Management Team, consisting of the project coordinator - **Nana Voitenko (BIPH)**, project manager – **Svetlana Ivanova (BIPH)**, **Ilona Chencova (BIPH)**, technical assistance – **Yevgeniy Sheremet**, **Andrey Dromaretskiy**, **Vasyl Yatsenko**, **Lyudmila Palivoda (BIPH)**. This Team will be responsible for overall management, ensuring that project is successfully managed and its objectives achieved and will ensure communication between the Partners.

Management structure

External Advisory Board, consisting of Neuroscience professionals who cover expertise that we do not have in the consortium:

Prof. Alexei Verkhratsky, Chairman of the Physiology and Medicine Section of Academia Europaea, Professor of Neurophysiology at the University of Manchester.

Prof. Yuriy Usachev, John P. Long Professor (Chair), Professor of Pharmacology and Anaesthesia at University of Iowa.

Prof. Marina Bentivoglio, Professor of Histology at the University of Verona, Italy. Secretary General of the International Brain Research Organization (IBRO; 2007-2009) and as President of the Italian Society of Neuroscience (2008-2009).

Management structure

Dissemination/Communication Committee, Chair – **Gorazd Weiss (ZSI)**, Members - **Philipp Brugner (ZSI)**, **Andrey Kostyuk (BIPH)**, **Oleksiy Boldyrev (BIPH)**. This committee will ensure that the activities described in Section 2.2 are implemented by all of the Partners. In particular, the **Committee** will be responsible for the development of **Communication/Dissemination/Exploitation Plan (WP5)** and its implementation in the project.

Knowledge and Technology Transfer Committee, Chair – Georgy Bakalkin (UU), members – Pavel Belan (BIPH), Alyona Borovskaya (BIPH). This committee will monitor and evaluate the progress of transfer of knowledge, methodology and current approaches.

Finance Committee, Chair – Boris Safromov (IBMC), members - Nataliya Lata, (BIPH), Pavel Belan (BIPH), Svetlana Ivanova (BIPH).
This committee will scrutinize the financial statements on a monthly basis.

Editorial Group, Chair – **Dmitri Rusakov (UCL)**, members – **Boris Safronov (IBCM)**, **Georgy Bakalkin (UU)**, **Pavel Belan (BIPH)**, **Yaroslav Shuba (BIPH)**. The Group will coordinate development of selected studies to bring them to the level necessary for publication in the high rank peer-reviewed journals. This Group will also ensure creation of an international dissemination platform for journal “Neurophysiology” to increase the impact factor of this journal and to increase the citation of the papers originated from BIPH.

Educational Committee, Chair – **Arthur Konnerth (TUM)**, members – **Boris Safronov (IBCM)**, **Bezhan Sharopov (BIPH)**, **Andrii Cherninskyi (BIPH)**, **Olga Lyubanova (BIPH)**. Role is to ensure the effective promotion of neuroscience for undergraduate and graduate students with their future recruiting to Master and PhD neuroscience programs at BIP, training MSc and PhD students at BIP for state-of-the-art methods in a field of neuroscience, organization of competitions.

WP6 - Project Management

- The WP6 is focused on building a strong, dynamic, and long-lasting cooperation and expertise to address networking gaps and deficiencies between BIPH and internationally-leading Consortium members. The Project Management will ensure enhance the S&T capacity of the linked institutions, help raise their staff research profile and facilitate dissemination and communication of the project ideas and results.
- Specific objectives include:
 - 1. To put in place mechanisms to ensure that NEUROTWIN meets its objectives and delivers its results and outputs on time, keeping an efficient communication flow between the Participants, and ensuring that robust financial management systems are put in place.
 - 2. To document project development and execution by providing reports contractually required by the EC.
 - 3. To facilitate dissemination and communication of the project ideas and results by means of improvements in meeting and workshop organization at BIPH.

Task 6.1. Project Management and Coordination

Task 6.2. Financial Management

Task 6.3. Supervisory Board

Task 6.4. Young Scientists

Task 6.5. Renovation of the seminar room

Task 6.1. Project Management and Coordination

- Organization of the Supervisory Board, Project Management Team and Financial Committee (month 1).
- Monitoring and evaluating the project development. A management structure will be set up and project management tools implemented in order to ensure the timely progress and completion of the tasks and activities scheduled.

All of the Participants will contribute to the Supervisory Board and Project Management Team tasks (months 1-36). Responsible Partner: **BIP**. Participating Partners: All Participants.

Task 6.2. Financial Management

Organisation of a sound financial, administrative and contractual project management. Financial Aspects of the Programme will be governed by the programme **Financial Committee** (months 1-36). The Partnership Agreement with Participants using the DESCAs template will be drawn up (month 1).

Responsible Partner: **BIPH**. Participating Partners: All Participants.

Task 6.3. Supervisory Board

Project steering with the objective to implement the project in a smooth and consolidated way, involving the Partnership, Supervisory Board and external stakeholders whenever appropriate in an optimum way (months 1-36).

Responsible Partner: **BIPH**. Participating Partners: All Participants.

Task 6.4. Young Scientists

Delegation of responsibilities to young scientists. Besides the collegiality in making decisions, the delegation of responsibility for the management of the programme to young researchers after their training will be the organizational principle of the programme. **Supervisory Board, Project Management Team and Financial Committee** will collaborate with BIPH Young Scientist Council in moderation of agendas and content of practical courses for Workshops and Summer Schools and choosing PhD students and young scientists for short-term exchange visits and for attending meetings and conferences. A head of BIPH Young Scientist Council, Dr. Bizhan Sharopov, and team of MS, PhD students and young scientists will actively participate in all Communication activities related to Brain Awareness Week and Days of Science. By direct interactions with researchers from the leading Participants during the accomplishment of joint research projects and project management within this project, we expect to create a productive team of highly qualified young scientists, who would succeed in future investigation of neural mechanisms in the normal and pathological brain (month 24-36).

Task 6.5. Renovation of the seminar room

Training, dissemination and communication during the implementation of the project require a good quality presentation room having installed necessary modern demonstration, communication and recording equipment. The Neuroscience Division of BIP has its own seminar room that can fit up to 50 people. This room is perfectly suited for the most activities in the framework of the project including lectures, seminars, workshops, communication with legislators, governmental officers and industrial stakeholders. Unfortunately, this room has not been renovated for 25 years. In order to create necessary conditions for training, dissemination and communication we plan to remodel the seminar room and to install in this room modern demonstration, communication and recording equipment (from indirect costs). These necessary upgrades will be used for task implementation in Work Packages 1-6. Responsible Participant: **BIPH**. Participating Partners: BIPH.

Participation per Partner

Partner number and short name	WP4 effort
1 - BIPH	39.00
2 - UCL	2.00
3 - IBMC	1.00
4 - ZSI	4.00
6 - UU	1.00
Total	47.00

List of deliverables

Deliverable Number ¹⁴	Deliverable Title	Lead beneficiary	Type ¹⁵	Dissemination level ¹⁶	Due Date (in months) ¹⁷
D4.1	PGM staff Training Visits	4 - ZSI	Other	Public	5
D4.2	Science-Industry Workshops	1 - BIPH	Other	Public	18
D4.3	Proposal Writing Workshops	4 - ZSI	Other	Public	27