

The Institute is also actively involved in international large-scale research consortia. Our main countries for cooperation are France, Germany, USA, Great Britain, Poland, Italy, Greece, and Japan.

In total, **IMBG has had permanent cooperation with universities, research and medical institutions in 34 different countries** until now. Among IMBG international donors there are currently CNRS (Centre national de la recherche scientifique, France), NATO (North Atlantic Treaty Organisation), STCU (Science and Technology Centre in Ukraine), earlier – NIH (National Institute of Health, USA), Wellcome Trust Fund (United Kingdom), etc.

Regarding the European Framework Programme for Research and Innovation, the Institute started its first project under FP5 and continues to collaborate in projects until the most recent Horizon 2020:



### 5th Framework Programme

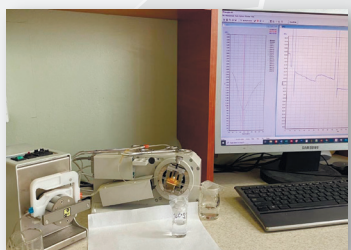
- Project title: **“European collaborative study on pregnant HIV-infected women and their children”** (ECS)
- Duration: 2000-2004
- Coordinator: University College of London (United Kingdom)
- IMBG role: subcontractor of the Odessa Regional Hospital (Ukraine)
- Funded under: FP5-LIFE QUALITY
- Details: <https://cordis.europa.eu/project/id/QLK2-CT-2000-00002>

### 6th Framework Programme

- Project title: **“Improving project & research management skills in third countries to stimulate their cooperation with Europe for life sciences”** (IMPRESMAN-COEUR4Life)
- Duration: 2004-2006
- Coordinator: European Research and Project Office (Germany)
- IMBG role: subcontractor of the Ukrainian Association of Internal Medicine (Ukraine)
- Funded under: FP6-LIFESCIHEALTH
- Details: <https://cordis.europa.eu/project/id/512108>

### 7th Framework Programme

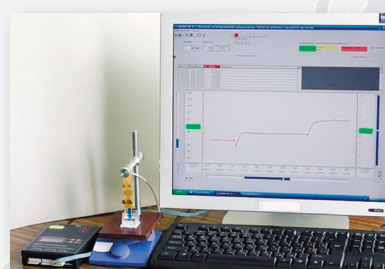
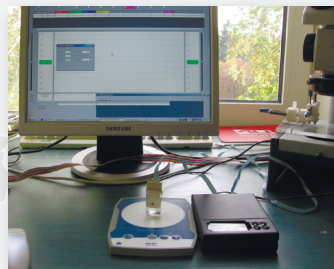
- Project title: **“Strengthening cooperation in Molecular Biomedicine between EU and Ukraine”** (COMBIOM)
- Duration: 2011-2015
- Coordinator: IMBG (Ukraine)**
- Funded under: FP7-INCO ERA-WIDE
- Details: <https://cordis.europa.eu/project/id/294932>



- Project title: **“Improving diagnoses of mental retardation in children in Central Eastern Europe and Central Asia through genetic characterisation and bioinformatics/statistics”** (CHERISH)
- Duration: 2009-2012
- Coordinator: University of Bologna (Italy)
- IMBG role: Project participant
- Funded under: FP7-HEALTH
- Details: <https://cordis.europa.eu/project/id/223692>

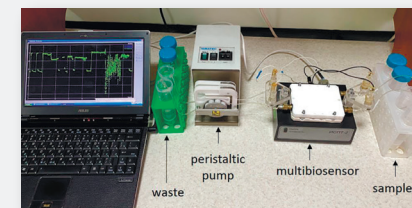
- Project title: **“Nanosensors based on nanomaterials”** (NANOBIOSENS)
- Duration: 2009 – 2011
- Coordinator: Middle East Technical University (Turkey)
- IMBG role: Project participant
- Funded under: FP7-PEOPLE (IRSES)
- Details: <https://cordis.europa.eu/project/id/3185242>

- Project title: **“Integrated nanodevices”** (NANODEV)
- Duration: 2013 – 2015
- Coordinator: Middle East Technical University (Turkey)
- IMBG role: Project participant
- Funded under: FP7-PEOPLE (IRSES)
- Details: <https://cordis.europa.eu/project/id/318524>



### Horizon 2020 Programme

- Project title: **“Smart innovative system for recycling wastewater and creating closed loops in textile manufacturing industrial processes”** (Waste2Fresh)
- Duration: 2020-2023
- Coordinator: Konya Teknik University (Turkey)
- IMBG role: Project participant
- Funded under: H2020-EU.2.1.5.3.
- Details: <https://cordis.europa.eu/project/id/958491>



- The most recent EU funded Horizon 2020 project coordinated by IMBG is **“Deepening collaboration on novel biomolecular electronics based on “smart” nanomaterials”** (BIONANOSENS).

It is funded under the call H2020-WIDESPREAD-2020-5 (for which the overall success rate was only 13%). **BIONANOSENS** is the only project coordinated by Ukraine under the Horizon 2020 Twinning Scheme in 2020.

Project Coordinator Prof. **Sergiy Dzyadevych**, [dzyad@yahoo.com](mailto:dzyad@yahoo.com)  
IMBG Zabolotnoho 150, Kyiv, Ukraine

Project Manager Dr **Yanina Mishchuk**, [mishchuk@imbg.org.ua](mailto:mishchuk@imbg.org.ua)  
IMBG Zabolotnoho 150, Kyiv, Ukraine



What are the activities of **BIONANOSENS**?

**BIONANOSENS** implements tailor-made twinning actions helping to build and strengthen capacities for IMBG. Both the overall goal of the project and the single objectives related to it are taking into account IMBG's current operational situation.

The following key activities are implemented:

- Establishment of institutional grant management procedures in accordance with EU standards;
- Establishment of an innovation unit at IMBG to support the institute's staff in project management tasks;
- Providing better access to international networks for the institute in view of future proposal building;
- Trainings on project proposal writing and project management;
- Promotion and training of young researchers;
- Facilitating the dissemination and exploitation of research results produced by IMBG.

Strengthening the competitiveness of IMBG in related research areas and funding programmes will also allow the institute to better respond to the socio-economic needs of the country. Moreover, **BIONANOSENS** aims to increase the visibility of IMBG both in Ukraine and in the European Research Area at large.

