

Deeping collaboration on novel biomolecular electronics based on “smart” nanomaterials

BIONANOSENS

Participants	Participant organisation name	Country
1 (Coordinator)	Institute of Molecular Biology and Genetics of NAS of Ukraine (IMBG)	Ukraine
2	University of Claude Bernard Lyon 1 (UCBL)	France
3	Helmholtz-Zentrum Dresden-Rossendorf e.V. (HZDR)	Germany
4	Zentrum für Soziale Innovation (ZSI)	Austria
5	Lyon Ingénierie Projets (LIP)	France

The Institute of Molecular Biology and Genetics (IMBG) is one of the leading research centres in Ukraine in the field of analytical biotechnology, with a great potential for the development of market-driven innovations. With the support of high profile research and innovation (R&I) institutes from Europe, which, together with IMBG form the BIONANOSENS consortium, the Ukrainian institute should be positioned as an international Centre for Excellence in analytical biotechnology also beyond national borders. BIONANOSENS implements tailor-made twinning actions helping to build and strengthen capacities at the beneficiary's end. Both the overall goal and the single objectives related to it (to establish institutional grant management procedures, better access to international networks, project proposal writing services, promotion and training of young researchers, service and facilitation to the dissemination and exploitation of research results etc.) are taking into full account IMBG's current operational situation. BIONANOSENS further exploits the findings of a SWOT analysis, which was conducted for IMBG from 2012 to 2013 as part of the COMBIOM project (FP7). All activities are carried out against the state-of-the-art standards in managing EU funded R&I projects – including Responsible Research and Innovation, gender balance, open access (data management, Intellectual Property management), exploitation and commercialisation orientation, and ethics.