The main objective of the programme is to train students to obtain advanced knowledge of molecular and cellular biology, and the ability to exploit this knowledge in applied biological sciences such as biotechnology, biomedicine and neuroscience.

KEY ADVANTAGES:
- Graduates will be able to work in research laboratories focusing on basic and applied cellular and molecular biological sciences, in private and public clinical diagnostic laboratories, in pharmaceutical industries, in the promotion of scientific innovation, in the design and management of molecular and cellular technologies;
- PhD programmes in the biomedical area;
- Medical Specialty Schools (Clinical Biochemistry, Clinical Pathology, Genetics, Biophysics, Immunology, Bioinformatics).

TEACHING METHODS:
- The programme includes lectures, tutorials, and lab works. During preparation of research projects students will obtain solid knowledge and skills within a chosen research topic.

STUDIED COURSES:
- Advanced Cellular Biology
- Advanced Biophysics
- Metabolic Biochemistry
- Bioinformatics
- General and Molecular Pathology
- Molecular Pharmacology
- General and Molecular Pathology

PROGRAMME PARTNERS:
- St. Jude Children’s Research; 
- Medizinische Hochschule Hannover; 
- The Johns Hopkins University; 
- University of Pennsylvania.

Programme Coordinator
Prof. Sergei Rumiantsev
s_roumiantsev@mail.ru