



BULGARIAN ACADEMY OF SCIENCES
INSTITUTE OF BIOPHYSICS AND BIOMEDICAL ENGINEERING

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Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences is searching for experienced researchers interested in submitting a joint application for the following types of Marie Skłodowska-Curie Individual Fellowships (Call H2020-MSCA-IF-2018):

- ✓ MSCA-IF-EF-ST (ST - Standard European Fellowships)
- ✓ MSCA-IF-EF-CAR (CAR – Career Restart panel)
- ✓ MSCA-IF-EF-RI (RI – Reintegration panel)
- ✓ MSCA-IF-GF (Global Fellowships)

Institute of Biophysics and Biomedical Engineering is the leading Bulgarian research institute in the fundamental sciences of biophysics, biochemistry, cellular biology and physiology. The Institute is in the front line of biomedical technologies R&D in the fields of electrophysiology, mechanics of movement, information technologies and bioactive compounds. The Institute successfully conducts technology transfer to other institutes of the Bulgarian Academy of Sciences, as well as universities, healthcare clinics and companies. IBPhBME is fully competitive and globally distinguished, and the achievements of its research staff have gained international recognition for their excellence. The scientific achievements of the Institute's staff in these directions have been published in a large number of authoritative journals, thus enjoying worldwide recognition. The scientists in IBPhBME are sought partners for joint scientific research, as evidenced by the numerous contracts with leading institutes, universities and laboratories from abroad.

<http://biomed.bas.bg/en/>

Thematic areas and main supervisors:

- 1. Photosynthesis under physiological and stress conditions. Mechanisms of the adaptation of plant to abiotic stress.**
Main supervisor: Prof. Dr. Emilia Apostolova,
<http://biomed.bas.bg/en/emilia-apostolova/cv/>
emya@bio21.bas.bg
- 2. Application of computer-aided drug design methods to study bioactive compounds.**
Main supervisor: Prof. Ilza Pajeva
<http://biomed.bas.bg/en/ilza-pajeva/cv/>
pajeva@biomed.bas.bg
- 3. Computer-aided assessment of chemical risk for predictive toxicology applications and regulatory purposes.**
Main supervisor: Assoc. Prof. Ivanka Tsakovska
<http://biomed.bas.bg/en/ivanka-tsakovska/cv/>

itsakovska@biomed.bas.bg

4. Development of algorithms and software applications for the purposes of computer aided design

Main supervisor: Prof. Tania Pencheva

<http://biomed.bas.bg/en/tania-pencheva/cv/>

tania.pencheva@biomed.bas.bg

Contact information:

If you are interested in preparation of a project proposal together with the Institute of Biophysics and Biomedical Engineering in response to the H2020-MSCA-IF-2018 Call, please contact the supervisor in your thematic field by submitting CV and a brief description of your project idea until August 5th, 2018. Selected candidates will be contacted until August 10th, 2018. They will be invited to prepare a joint proposal together with the respective supervisor in the given field.

Call link:

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/msca-if-2018.html>

IMPORTANT – apply with us and increase your chances for success:

As of 2018, not funded applications for MSCA Individual Fellowships **with a host organisation from Bulgaria** have the chance to be funded under the Widening Fellowships Call („Spreading Excellence and Widening participation“). Not funded MSCA proposals for European Fellowships from ‘widening countries’ (all panels) will be automatically transferred to the Widening Fellowships Call and will therefore be ranked in one single list according to the scores and evaluation of the MSCA-IF call with an additional budget of 5 M€ for 2018.