

International Conference "Actual Problems of Organic Chemistry and Biotechnology" (OrgChemBioTech2020)

International conference "Actual problems of organic chemistry and biotechnology" (OrgChemBioTech2020). The conference will be held on April 6—9, 2020, in Ekaterinburg at the Ural Federal University named after the first President of Russia B. N. Yeltsin, Ekaterinburg in celebration of the Centenary of the Institute of Chemical Engineering and the 70th anniversary of Professor of the Department of Organic Synthesis of the Institute of Chemical Engineering of UrFU Vasily A. Bakulev.

Organizers

Institute of Chemical Engineering
Innovation Center of Chemical and Pharmaceutical Technologies
Institute of Natural Sciences and Mathematics of the Ural Federal University
named after the first President of Russia B. N. Yeltsin
Institute of Organic Synthesis. I. Y. Postovsky, Ural Branch of the Russian Academy of Sciences

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The conference will be held in the form of a breakout session, a round table "New trends in Biomedicine", and a poster session. Working languages of the conference are Russian and English.

Topics of Organic Chemistry Section:

- Achievements of Organic Synthesis;
- Directed synthesis of Biologically Active Molecules;
- New in Pericyclic Transformations and Rearrangements;
- Catalysis and Catalytic Processes;
- Supramolecular Systems and their Use in Biology and Medicine;
- Organic Materials for Optoelectronics and Sensors;
- Mathematical Modeling in the Design of Organic Molecules;
- Molecular Docking.

Topics of the Biotechnology Section:

- Biotechnology of Food Products, Biologically Active Substances and Medications;
- Preclinical Testing of Biotechnological Products;
- Natural and Synthetic BAS as Regulators of Plant Growth and Stability;
- Plant Biotechnology, Immuno and Nanobiotechnology;
- Industrial Biotechnology;
- Agricultural Biotechnology;
- Genetic Engineering and Biocatalysis in Biotechnology.

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