BIOCHIMICA ET BIOPHYSICA ACTA - GENERAL SUBJECTS
One of the nine topical journals of BBA

AUTHOR INFORMATION PACK

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DESCRIPTION

*BBA General Subjects* accepts for submission either original, hypothesis-driven studies or reviews covering subjects in **biochemistry** and **biophysics** that have general scientific interest for a wide audience. **Interdisciplinary** studies are encouraged. Descriptive studies without biochemical or biophysical mechanistic evidence and insights are discouraged. **Preferred topics are:**

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- **Imaging methodologies**
- **Mechanistic characterization of compounds**

*BBA General Subjects* does not consider studies on the biological effects of crude extracts of natural sources unless the exact active molecules are identified, singularly characterized and evaluated.

AUDIENCE

Biochemists, molecular biologists, glycobiologists, developmental biologists

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BBA General Subjects accepts for submission either original, hypothesis-driven studies or reviews covering subjects in biochemistry and biophysics that have general scientific interest for a wide audience. Interdisciplinary studies are encouraged. Descriptive studies without biochemical or biophysical mechanistic evidence and insights are discouraged. Preferred topics are: biomedicine: fundamental and emerging topics in biochemistry/biophysics with potential medical implications nanobiology/nanotechnology: nanoparticles, nanotoxicology, nanomedicine omics: genomics, proteomics, lipidomics, glycomics, bioinformatics addressing experimentally a defined biological question chemical biology chemical compounds, drug mechanisms, synthesis of novel compounds, click chemistry structural biology crystallography, NMR, multimeric proteins, protein dynamics, nucleic acids novel complexes: nucleic acids, pure natural compounds, synthetic compounds, protein complexes, nucleic acid derivatives cellular signaling: receptor signaling, protein phosphorylation cascades, phosphatases, secondary messengers, transcription regulation, gene expression glycobiology: sugar metabolites and metabolism, glycosylated proteins, membrane protein, glycosylation, glycomics redox biology: redox switches, glutathione and thioredoxin systems, oxygen and nitrogen radical species, superoxide, hydrogen peroxide, hydroxyl radical, nitric oxide, peroxides, hypoxia, redox regulation of transcription factors neurobiology: neuronal growth factors and nerve signaling, glial cells, autonomic and central nervous systems stem cells: differentiation, stem cell isolation and cultivation, growth factors imaging methodologies mechanistic characterization of compounds having biochemical importance and general interest (drug leads, toxicants, nutrients, metabolites). BBA General Subjects does not consider studies on the biological effects of crude extracts of natural sources unless the exact active molecules are identified, singularly characterized and evaluated.

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