



General Physiology and Biophysics is devoted to the publication of original research papers concerned with general physiology, biophysics and biochemistry at the cellular and molecular level.

ISSN 1338-4325 (online)

Founded in 1982 and published quarterly by the:
Institute of Molecular Physiology and Genetics
Slovak Academy of Sciences
Bratislava
Slovak Republic

Indexed in:

CC/Life Sciences
Science Citation Index: **Impact Factor = 1.479**
ISI/BIOMED
EMBASE
MEDLINE/PubMed

[Current Issues](#)

[2022](#)

[2021](#)

[2020](#)

[2019](#)

[2018](#)

[2017](#)

[2016](#)

[2015](#)

[2014](#)

[2013](#)

[2012](#)

[2011](#)

[2010](#)

[2009](#)

[2008](#)

[2007](#)

[2005](#)

[Open access for authors](#)

Subscription Information

AEPRESS, s.r.o.

Bajzova 7

821 08 Bratislava

Slovak Republic

Fax: +4212-43637986

E-mail: koresp@aeypress.sk

The coverage of the journal includes:

- membrane physiology and biophysics (ion channels, receptors, transporters, protein-lipid interactions, surface phenomena, model membranes),
- intercellular and intracellular signalling (neurotransmission, endocrine regulations, messengers, secretory mechanisms, regulatory proteins, calcium signalling pathways, nitric oxide),
- excitability and contractility (neurophysiology, smooth, cardiac and skeletal muscle physiology, excitation-contraction coupling, cellular motility),
- biophysical analysis of cellular function (bioenergetics, volume regulation, thermodynamics, mathematical models),
- metabolic regulations (enzymology, ATPases, plant and microbial metabolism),
- cellular aspects of pharmacology, toxicology and pathology (receptor-drug interaction, the action of drugs and toxins on signalling and regulatory functions, free radicals, lipid peroxidation, ischemic preconditioning, calcium paradox),
- accounts of advances in relevant techniques and methodology.

[Editorial info](#)

[for Authors](#)