



life



an Open Access Journal by MDPI

Advancements in Surgery: Trends in Prevention, Diagnostic and Treatment

Guest Editors:

Dr. Ľudovít Danihel

3rd Surgical Clinic, Faculty of
Medicine, Comenius University
and Merciful Brothers University
Hospital, 811 08 Bratislava,
Slovakia

Dr. Marek Smolár

Department of Surgery and
Transplant Centre, Jessenius
Medical Faculty Martin, University
Hospital Martin, Comenius
University in Bratislava,
Bratislava, Slovakia

Dr. Daniel Pindak

Department of Oncosurgery,
National Cancer Institute, 833 10
Bratislava, Slovakia

Deadline for manuscript
submissions:

closed (28 May 2024)



mdpi.com/si/191682

Message from the Guest Editors

Dear Colleagues,

In recent years, there have been significant advances in prevention, diagnosis and treatment in general surgery, especially in terms of addressing gastrointestinal diseases. This Special Issue aims to showcase some of the most innovative and promising approaches in this field. General surgery is used to treat a broad category of disorders; the scope of this Issue includes a wide range of related topics.

This Issue aims to publish articles that show new diagnostic tools and methods for detecting all types of diseases addressed by general surgery. We are looking to explore the use of artificial intelligence and machine learning algorithms to analyze medical images and identify early signs of cancer and other gastrointestinal diseases. In addition, we seek to combine these methods with clinical examination, which is the most important aspect of the treatment of patients. We are also looking for new studies and opinions in field of colorectal cancer, as well as investigations into all types of hernia.

We accept original articles, clinical trials, systematic reviews and meta-analyses.

Dr. Ľudovít Danihel
Dr. Marek Smolár
Dr. Daniel Pindak
Guest Editors

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)