



## Current Challenges and Advances in the Treatment of Epilepsy

Guest Editors:

**Prof. Dr. Sergiusz Jozwiak**

Research Department, The Children's Memorial Health Institute, 04-730 Warsaw, Poland

**Prof. Dr. Nicola Specchio**

Rare and Complex Epilepsy Unit, Department of Neuroscience, Bambino Gesù' Children's Hospital, IRCCS, Rome, Italy

**Prof. Dr. Martha Feucht**

Department of Pediatric and Adolescent Medicine, Medical University of Vienna, 1090 Vienna, Austria

Deadline for manuscript submissions:

**closed (25 February 2023)**

### Message from the Guest Editors

Epilepsy affects 1 to 2 percent of the global population and over 6 million people in Europe, being one of the most common causes of morbidity due to neurological conditions.

Despite the approval of over 20 antiseizure drugs, none of these drugs prevent epilepsy, and 30% of patients remain refractory to current available treatment. In addition, more than 30% of treated patients experience adverse events that compromise their quality of life. Epilepsy is particularly destructive in young children, in whom frequent seizures contribute to intellectual disability and autistic behavior.

Treatment of epilepsy is no longer exclusively pharmacologic. Identification of epilepsy biomarkers and understanding underlying mechanisms of epileptogenesis allow for the use of precision medicine, which is designed for specific conditions, specific groups of patients or individuals.

With this Special Issue, we hope to encourage submissions that address the current state of the art in epileptology and that indicate new areas for future research in the field.





an Open Access Journal by MDPI

## Editors-in-Chief

**Prof. Dr. Emmanuel Andrès**

Internal Medicine Department,  
University Hospital Strasbourg,  
67000 Strasbourg, France

**Prof. Dr. Kent Doi**

Department of Acute Care  
Medicine, University of Tokyo,  
Tokyo, Japan

## Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's (JCM)* staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

## 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, Embase, CAPus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Medicine, General & Internal*) / CiteScore - Q1 (*General Medicine*)

## Contact Us

---

*Journal of Clinical Medicine* Editorial  
Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jcm](http://mdpi.com/journal/jcm)  
[jcm@mdpi.com](mailto:jcm@mdpi.com)  
[X@JCM\\_MDPI](https://twitter.com/JCM_MDPI)