

## Special Issue

# Recent Advancements in Diagnosis and Management of Epilepsy Patients

### Message from the Guest Editor

Advances in epilepsy diagnosis and management started 100 years ago when Hans Berger invented scalp EEG. Since then, the field of epilepsy has evolved from providing a description of focal and generalized seizures to defining pathophysiology, classification, localization, use of epileptic drugs, and surgical treatments in the management of epilepsy. Research continues to unravel the mechanisms of epileptogenesis at the cellular and molecular levels with the aim of devising better treatment strategies. Long-term monitoring with simultaneous collection of EEG data and video has allowed for improved characterization of seizure semiology and a definitive separation of epileptic from nonepileptic behaviors. It has also opened the possibility of surgical intervention to far greater numbers of patients. Advancements in brain imaging techniques present a unique opportunity to better characterize the nature of epileptogenic lesions and have provided novel insight into management strategies.

This Special Issue of IJERPH will focus on the advances in the field of epilepsy over the last decade and their impact on the diagnosis and management of epilepsy patients.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2023)



## International Journal of Environmental Research and Public Health

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CiteScore 8.5  
Indexed in PubMed



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*International Journal of  
Environmental Research and  
Public Health*

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### Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

*IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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### Editor-in-Chief

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