



brain sciences

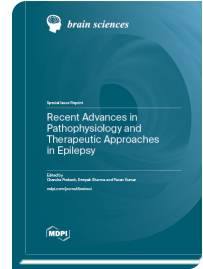


Special Issue Reprint

Recent Advances in Pathophysiology and Therapeutic Approaches in Epilepsy

www.mdpi.com/books/reprint/9945

Edited by
Chandra Prakash
Deepak Sharma
Pavan Kumar



ISBN 978-3-7258-2182-2 (Hardback)
ISBN 978-3-7258-2181-5 (PDF)

Epilepsy is a widespread neurological disorder that affects around 70 million people worldwide. The main characteristic of this neurological disorder is the occurrence of unexpected and recurrent seizures. The cure for and management of epilepsy are confined to treating symptoms but do not modify the development and progression of the disease. Furthermore, among the people who are taking antiseizure medicines, more than 30% of them still have epilepsy, and long-term use of these drugs can result in a variety of side effects. Hence, there is an urgent need to understand the detailed pathophysiology and mechanism of the development of diverse forms of epilepsy as well as identify crucial therapeutic targets. Moreover, finetuning as well as examining the effectiveness of several surgical procedures and neuromodulation methods to treat drug-resistant epilepsy are also required.

This Special Issue features original research and review articles by experts discussing the recent developments in the pathophysiology, risk factors and possible treatment options in diverse forms of epilepsy.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/9945

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.