

# Special Issue

## Neuromodulation in Neurological and Psychiatric Disorders: Clinical, Physiological and Molecular Evidence

### Message from the Guest Editor

Deep brain stimulation (DBS) is an effective therapeutic option for pharmacologically resistant neurological and psychiatric disorders. The renaissance of deep brain stimulation (DBS) for essential tremor in 1987 and subsequently for Parkinson's disease (PD) in Grenoble, France, led only a decade later to DBS for psychiatric diseases, with the first reports published on DBS for obsessive compulsive disorder (OCD) and for Gilles de la Tourette's syndrome. The indications for DBS have broadened rapidly during the last few decades to other pathologies such as eating disorders, chronic pain, dementia and epilepsy.

This Special Issue aims to review the latest evidence on the effectiveness of DBS in neurological and psychiatric disorders and will examine the potential underlying molecular mechanisms of DBS.

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### Guest Editor

Dr. Christian Saleh  
Universitat Basel, Basel, Switzerland

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### Deadline for manuscript submissions

closed (20 May 2025)



# International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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