



Neurodevelopmental Disorders: Genetic Studies and Therapeutic Strategies

Guest Editors:

Dr. Susanna Pietropaolo

Univ. Bordeaux, CNRS, Aquitaine
Institute for Cognitive and
Integrative Neurosciences,
UMR5287, 33405 Bordeaux,
France

Dr. Bruno Bontempi

Univ. Bordeaux, CNRS, INCIA,
UMR 5287, 33076 Bordeaux,
France

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Message from the Guest Editors

Neurodevelopmental disorders (NDDs) have been modeled in laboratory mice and rats through a variety of genetic and environmental approaches over the past few decades. Mouse models based on genetic mutations have been widely employed to explore the pathological mechanisms underlying NDDs and to identify novel therapeutic targets.

Our Special Issue will focus on such preclinical research, providing novel insight into the molecular pathways involved in NDDs and suggesting valid therapeutic approaches. We welcome studies involving basic research on rodent models of all NDDs, including Autism spectrum disorders, Schizophrenia, Down syndrome, and rare NDDs. Articles proposing novel pharmacological and non-pharmacological therapeutic approaches in pre-clinical models, as well as those investigating pathological pathways, are strongly encouraged. Findings describing novel genetic rodent models of NDDs will be included; pertinent non-genetic approaches will also be considered.





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Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and
Molecular Medicine, Faculty of
Health and Medical Sciences,
University of Copenhagen,
Blegdamsvej 3C, DK-2200
Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer
Science, Virginia Commonwealth
University, Richmond, VA 23284,
USA

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Biomolecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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