

## Special Issue

# The Molecular Aspects of Gut-Brain Communications

### Message from the Guest Editors

The gut and brain are connected through millions of nerves. It is well believed that the gut can control the brain, but the precise mechanism of the gut-brain axis remains elusive. The gut microbial flora could significantly alter brain function including our emotion and behavior, suggesting that the manipulation of gut microenvironments could be the future therapeutic approach to prevent or cure various diseases. There is much to learn about how the microbiota and dietary components influence the gut microenvironments which could ultimately affect brain function. To understand the molecular mechanism of gut-brain communication, we would like to invite high-quality research works as well as review articles in this Special Issue.

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### Guest Editors

Prof. Dr. Takehiko Fujino

Dr. Md Shamim Hossain

Prof. Dr. Masanori Honsho

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### Deadline for manuscript submissions

closed (30 April 2023)



## 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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