



Molecular Mechanisms in the Microbiome–Brain–Gut Axis

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear colleagues,

The gut microbiome enables a constant transfer of information between the gut and the brain and there are many unexplored molecular pathways underpinning this transfer. The aim of this special edition will be to harness the key current research in the field into a compelling collection of novel research in the field.

The preferred theme of the research will be from a molecular biology point of view with mechanistic experiments consisting of either an in-vitro, in-silico or in-vivo nature forming the overall structure of submissions. Furthermore, this special edition will outline how the key nodes of the Microbiome-Brain-Gut Axis when disturbed, influence disease in the gut or the brain. Finally, it is hoped that of the articles submitted, some will show how therapeutic interventions targeting one aspect of the Microbiome-Brain-Gut Axis can repair other points along the axis. For example, can modulating the composition of the microbiome, influence the function of the brain via chemical or probiotic intervention (amongst many more).





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Message from the Editor-in-Chief

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