

## Special Issue

# Molecular Mechanisms of Memory Formation and Modification

### Message from the Guest Editors

Memory is vital to human functioning and controls future behavioral responses. Many neurological, neurodegenerative, and psychiatric disorders are associated with memory impairments or the presence of maladaptive memories. Thus, understanding the molecular mechanisms that control both normal and abnormal memory formation and modification is critical for treating many of the memory impairments that are present in a variety of diseases. Contributions must focus on the molecular mechanisms of memory formation and/or reconsolidation, broadly defined. These contributions can study the molecular mechanisms of memory during disease or non-disease states. Submissions can be in the form of primary research reports, reviews or perspectives. Potential topics can include but are not limited to:

- Transcriptional and translational mechanisms of memory consolidation or reconsolidation
- Molecular mechanisms underlying memory modification following retrieval
- Perspectives/Reviews on the molecular mechanisms of memory consolidation and/or reconsolidation

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2020)



## 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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