

Special Issue

Neurotransmitter Secretion and Release

Message from the Guest Editor

It is widely acknowledged that the final steps underlying fast, synchronous exocytosis at nerve terminals involve a small cast of proteins: Synaptotagmin-1 (or, -2), the three SNARE (soluble, N-ethyl-maleimide sensitive factor attachment receptor) proteins, complexins, and muncs-13 and -18. However, in spite of significant contributions from imaging and structural biology, genetic structure-function analyses and biochemical reconstitution experiments, the field still has not converged on a description of the final steps that lead to the fusion of the synaptic vesicle membrane with the presynaptic plasma membrane. This Special Issue will focus on investigations ranging from the control of Ca^{2+} entry at nerve terminals to detailed studies of the machinery that catalyzes the membrane fusion step of regulated exocytosis.

Guest Editor

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Message from the Editor-in-Chief

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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