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Neuroproteomics

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Deadline for manuscript submissions:
closed (15 March 2019)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will contain research and review articles that cover whole proteome analysis, comparative proteomics, protein structure/function, protein post-translational modifications, protein:ligand and protein:protein interactions within normal and diseased neurological tissues. Manuscripts are also especially sought that describe the development and use of technologies such as “Top-Down” to identify combinatorial epigenetic changes in histone modification and targeted MS to obviate the stochastic nature of discovery MS/proteomics that are applicable to neurological analyses. Another area of special interest is the use of bioinformatics approaches to integrate RNA and protein level analyses so peptide identification rates can be improved by carrying out MS/MS database searches on brain region- and cell type-specific proteomes that have been predicted based on RNA-sequencing.

We look forward to receiving your manuscripts and compiling an outstanding collection of review and original research articles that will advance the field of neuroproteomics.

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Message from the Editorial Board

Proteomes is an international, peer-reviewed, open access journal that was first published in 2013 by MDPI. *Proteomes* addresses all aspects of proteome analysis with a special focus on the quantification and characterisation of the proteome at the level of proteoforms. We encourage submission of articles that accurately quantify and characterise the proteome, as well as new and updated methods and technologies that enhance the accurate quantification and characterisation of the proteome and thereby provide evidence directly facilitating the understanding of biological mechanisms. Articles emphasising a multi/ transdisciplinary approach combining different omics techniques are welcomed.

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