

Special Issue

Neurolipids in Neurodegenerative Disorders

Message from the Guest Editor

The neurolipid systems are very abundant, active and ubiquitously distributed in the different brain nucleus and cell types, including glial cells. The identified neurolipids would include endocannabinoids, lysophospholipids (LP), some free fatty acids, platelet activating factors, some sulfatides-derived neurolipids such as ceramide, ceramide 1-phosphate, sphingosine, sphingosine 1-phosphate (S1P), but also some cholesterol-derived lipid mediators, as 24- and 25-hydroxycholesterols. Consequently, neurolipid systems are being analysed as powerful new therapeutic targets for the treatment of neurological diseases, including neurodegenerative diseases such as Alzheimer's, Parkinson's, Huntington's diseases, or multiple sclerosis. This Special Issue aims to collect the most advanced results in the promising neurolipid field applied to the development of new therapeutic approaches for neurodegenerative diseases.

Guest Editor

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