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Active Substances of Mushroom and Their Efficacy on Risk Factors for Neurodegenerative Diseases

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Deadline for manuscript
submissions:

closed (1 August 2023)

Message from the Guest Editor

Dear Colleagues,

The goal of this Research Topic is to identify compounds purified from mushrooms, explore their pharmacological properties in neurodegenerative disease, and clarify their mechanisms of action and targets. Submitted manuscripts should fit the scope of the topic and adhere to the following requirements:

1. The active compounds in question must be purified from mushrooms and subjected to explicit structural analysis. These compounds include (but are not limited to) polysaccharides, alkaloids, flavonoids, and various monomers.
2. The purified and structurally appraised mushroom compounds must demonstrate their pharmacological effects in neurodegenerative disease, including (but not limited to) Alzheimer's disease, Parkinson's disease, and multiple sclerosis. Data obtained from in vitro experiments must be confirmed in animal models, or preferably in clinical trials.
3. The study must clarify the mechanisms of action of the active compounds and clearly delineate their targets, such as cells and cytokines associated with anti-neurodegeneration.



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Guest Editor

Special Issue



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