

Special Issue

The Complex Link between Inflammation and Depression

Message from the Guest Editor

The focus of this Special Issue:

- The directionality of the relation between psychological health and inflammation, which remains unclear: while some data support the hypothesis that inflammation predisposes to depression, others suggest the opposite or even a bi-directional effect between depression and inflammation;
- A fine-grained picture of the relation between inflammation and specific depressive domains;
- The influence of lifestyle (e.g., nutrition) and other environmental exposures (e.g., pollution) on the link between depression and inflammation;
- The contribution of inflammation to treatment-resistant forms of depression and the effect of anti-depressant drugs on inflammatory response;
- The role of different biomarkers of low-grade inflammation in explaining the link between depression and chronic conditions like CVD, cancer, and type 2 diabetes;
- The mechanisms which may explain why depression occurs in the prodromal phase of common neurodegenerative disorders;
- The role of inflammation in psychiatric comorbidities of depression and related traits, such as bipolar disorder, anxiety, suicidality, schizophrenia, and attention deficit hyperactivity disorder (ADHD).

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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