

Special Issue

The Relationship between Maternal Nutrition and Neuropsychiatric Disorders

Message from the Guest Editor

Human and animal studies have shown that early life events during development (intra-uterine environment) such as maternal nutrition can predispose the offspring to developing these conditions. This Special Issue will concentrate on promoting research studying the effects of various environmental risk factors, including nutrition, during early development across the lifespan. As plasticity decreases over the lifespan, interventions applied during prenatal and/or early postnatal development might be the key in reducing the impact of neuropsychiatric disorders across the lifespan. In addition, this Special Issue will promote findings that potentially contribute to unravelling the underlying mechanisms of how maternal nutrition can induce susceptibility to different psychiatric disorders later in life and ultimately explore the effects of the optimization of maternal nutrition and other lifestyle interventions (such as physical exercise, food supplementation etc.) during prenatal or postnatal development that might improve or prevent these detrimental programming effects and reduce future health risks in the offspring.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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