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Metabolism of Bioactive Lipids: Molecular Mechanisms in Brain Health, Disease and Clinical Applications

Guest Editor:

Prof. Dr. Alicia I. Leikin-Frenkel

1. Bert Strassburger Lipid Center,
Sheba Medical Center, Tel-
Hashomer 52621, Israel
2. Faculty of Medicine, Tel-Aviv
University, Tel-Aviv 69978, Israel

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Message from the Guest Editor

The brain is highly susceptible to bioactive nutritional lipids released from processes that range from intrauterine development to aging. A scientific basis and rational understanding the impact of bioactive lipids on brain is essential to sustaining health and to proposing effective dietary strategies for the prevention of intrauterine nutritional lipid deficiencies leading to attention difficulties, neurobehavioral issues, cerebral palsy, epilepsy, and other cognitive and psychiatric disorders in growing children. Emerging knowledge, similarly, supports preventive and/or adjunctive treatment of Alzheimer's disease, Parkinson's disease, Huntington's disease, and frontotemporal lobar dementia FTD, and other various brain ailments in the aging population.

The Special Issue will include original studies and review articles focusing on: the impact of bioactive lipids and products enriched with them; on human brain metabolism and molecular mechanisms of action; and methods for the prevention of brain disease, with clinical applications throughout the lifespan.



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Special Issue



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2. Research Institute of
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de Gran Canaria, 35001 Las
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3. Preventive Medicine Service,
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Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional
Sciences, University of
Connecticut, Storrs, CT 06269,
USA

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Message from the Editorial Board

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Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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