

Special Issue

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

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.

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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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (UIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

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

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