



## Olive Oil and Brain Health: Neuroprotection and Cognitive Function

Guest Editors:

**Dr. Paula Silva**

School of Medicine and  
Biomedical Sciences, University  
of Porto, 4050-313 Porto,  
Portugal

**Dr. Giulia Accardi**

Laboratory of Immunopathology  
and Immunosenescence,  
Department of Biomedicine,  
Neuroscience and Advanced  
Diagnostics, University of  
Palermo, Corso Tuköry, 211,  
90134 Palermo, Italy

### Message from the Guest Editors

Dear Colleagues,

Olive oil, a vital component of the Mediterranean diet, is well known for its numerous health benefits, many of which are attributed to its high concentration of monounsaturated fats and bioactive compounds. Recent research has suggested that olive oil may play a role in preventing neurodegenerative diseases, such as Alzheimer's disease, and enhancing cognitive function. We seek original research, comprehensive reviews, and short communications that shed light on how olive oil consumption affects brain health. The key topics include, but are not limited to,

Deadline for manuscript  
submissions:

**5 October 2024**

- The impact of bioactive components of olive oil on neuroinflammatory pathways.
- Olive oil and its role in preventing or slowing the progression of neurodegenerative diseases.
- Effects of olive oil consumption on cognitive function, memory, and learning in various populations.
- Mechanistic insights into the interaction of olive oil components with brain cells and structures.
- Olive oil in diets: correlations with cognitive decline prevention and brain health maintenance in aging populations.
- Comparative studies on different types of olive oil and their specific effects on brain health.





an Open Access Journal by MDPI

## 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 (IUIBS), 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

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Food Science)

## Contact Us

---

*Nutrients* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/nutrients  
nutrients@mdpi.com  
X@Nutrients\_MDPI