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Dietary Patterns and Cognitive Function

Guest Editors:

Prof. Dr. Rafael De La Torre

Integrative Pharmacology and Systems Neuroscience Group, Neuroscience Programme, IMIM-Hospital del Mar Research Institute, 08003 Barcelona, Spain

Prof. Dr. Antonio Verdejo-Garcia

School of Psychological Sciences and Monash Institute of Cognitive and Clinical Neuroscience, Monash University, Melbourne, Australia

Dr. Laura Forcano

Integrative Pharmacology and Systems Neuroscience Group, Neurosciences Research Program, IMIM-Hospital del Mar Medical Research Institute, Barcelona, Spain

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Message from the Guest Editors

Dear Colleagues,

Nutrition is one of the lifestyle factors that has been shown to greatly impact cognition, playing an important role in cognitive function across an individual's lifespan and may be key factor for healthy cognitive development, aging and/or slowing down pathological cognitive decline.

There is increasing evidence linking certain dietary patterns (i.e., Mediterranean or DASH diets) to a neuroprotective effect that may potentially delay cognitive decline. Other lifestyle factors, such as physical activity, quality of sleep and cognitive stimulation/training, interact with nutrition, and results of dietary patterns should be evaluated considering these interrelationships.

Regarding nutrition, a step further is to start personalizing diets as a function of gender, microbiota composition, cultural and environmental behaviors, etc. Unraveling this issue may increase our understanding of the link between diet and cognitive performance along human lifespan and will potentially have a remarkable public health impact.













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Editors-in-Chief

Prof. Dr. Lluis 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),

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Prof. Dr. Maria Luz Fernandez

Canarian Health Service, 35016

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

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