

Special Issue

Nicotinamide Adenine Dinucleotide (NAD) in Human Health and Disease

Message from the Guest Editor

Nicotinamide adenine dinucleotide (NAD⁺) is both a coenzyme for hydride-transfer enzymes and a substrate for NAD⁺-consuming enzymes, which include ADP-ribose transferases, poly(ADP-ribose) polymerases, cADP-ribose synthases, and sirtuins. This Special Issue will focus on the current understanding of NAD's role in human health and disease to fully provide in-depth insights into the correlation between energy metabolism and human health, as well as its effects on the pathogenesis of age-related decline and disease. We invite authors to contribute original research articles as well as review articles. Potential topics include, but are not limited to:

- NAD-metabolism targeting in aging and age-related diseases.
- Novel therapeutic vulnerabilities in the NAD biosynthetic apparatus, including epigenetics.
- Metabolic dysfunctions in human health and disease.
- NAD⁺-boosting strategies and anti-tumor immunotherapies.

Guest Editor

Dr. Fiammetta Monacelli

Department of Internal Medicine and Medical Specialties (DIMI),
Section of Geriatrics, University of Genoa, 16132 Genoa, Italy

Deadline for manuscript submissions

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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 (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

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