

## Special Issue

# Nicotinamide Adenine Dinucleotide (NAD) in Human Health and Disease

### Message from the Guest Editor

Nicotinamide adenine dinucleotide (NAD<sup>+</sup>) is both a coenzyme for hydride-transfer enzymes and a substrate for NAD<sup>+</sup>-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<sup>+</sup>-boosting strategies and anti-tumor immunotherapies.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 September 2021)



## Nutrients

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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.

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