

## Special Issue

# Calorie Restriction's Effects on Health and Disease: From Basic Research to Human Health

### Message from the Guest Editor

Recently, calorie restriction mimetics, which imitate the health benefits of calorie restriction without actual food intake restriction, have been attracting attention for use in nutritional interventions to support healthy lives. In this Special Issue, we focus on the study of calorie restriction in basic research on animals, as well as clinical application in research that affects humans. Recent tools for high-throughput research instruments can investigate and determine critical signaling pathways and identify responsible molecules for the life-extending effects of calorie restriction. Potential candidates for calorie restriction mimetics are also extensively explored and verified through the use of cells, mice, and even humans. Additionally, we offer discussion on the immune system and inflammation concerning aging during calorie restriction. We dedicated to increasing and renewing our knowledge of the effects of calorie restriction on age-related diseases and longevity-oriented guidelines. We expect that this issue will gather researchers of expertise and welcome manuscript submissions including original research and reviews.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 April 2021)



## Nutrients

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*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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