

## Special Issue

# Impact of Nutrition and the Environment on Human Metabolism

### Message from the Guest Editor

Human metabolism is influenced by a wide range of factors, including diet and environmental exposures. This Special Issue aims to explore the complex mechanisms by which nutrition, environmental factors, and their interactions shape metabolic processes and influence human health. We invite original research articles, reviews, clinical studies, and experimental studies that examine the impact of various dietary components (micronutrients, macronutrients, specific diets) and environmental factors (pollutants, contaminants, oxidative stress) on metabolic pathways. Submissions may also address the implications of these factors in the development of metabolic, cardiovascular, neurodegenerative, and other health-related disorders. We particularly encourage interdisciplinary studies that integrate innovative approaches and highlight recent advances in understanding the nutrition-environment interplay.

- human metabolism
- nutrition
- environment
- health
- metabolic disorders
- oxidative stress
- dietary patterns
- environmental contaminants
- cardiovascular health
- interdisciplinary approaches

### Guest Editor

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### Deadline for manuscript submissions

30 November 2025



## Journal of Xenobiotics

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Impact Factor 4.4  
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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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the first half of 2025).