

## Special Issue

# The Essential Nutrients for Human Health: The Role of Nitrate and Nitrite in Nitric Oxide Homeostasis

### Message from the Guest Editor

Homeostasis is a network of self-regulating processes that adjust internal conditions within tightly regulated physiological tolerance limits and allow for the survival of the organism in the wide range of the external environment. In mammals, maintaining nitric oxide (NO) homeostasis is crucial to sustain stable blood pressure. It is impossible to conserve the homeostasis of most other vital functions, such as T, blood sugar, CO<sub>2</sub>, pH, and other parameters, without a well-functioning blood flow. This Special Issue aims to further explore the NO pathway, NO precursors and storage molecules, their turnover and accumulation in the body, and their connection to the L-Arg pathway. We also invite authors to express their views on NO as the principal “keeper” of mammalian homeostasis. We also welcome ideas on the role and interaction of endothelin with NO metabolism, since NO/endothelin govern blood flow in mammals.

### Guest Editor

Dr. Barbora Píknová

Molecular Medicine Branch, NIDDK, National Institutes of Health, Bethesda, MD 20892, USA

### Deadline for manuscript submissions

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## Nutrients

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*Nutrients*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[nutrients@mdpi.com](mailto: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.

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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 (UIBS), 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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