



nutrients



an Open Access Journal by MDPI

New Treatments for Anemia in Chronic Inflammatory Disorders

Guest Editor:

Prof. Dr. Dietmar Fuchs

Institute of Biological Chemistry,
Biocenter, Medical University of
Innsbruck, 6020 Innsbruck,
Austria

Deadline for manuscript
submissions:

closed (15 September 2021)

Message from the Guest Editor

Chronic inflammatory disorders are associated with an increased risk of anemia. Cytokines released during cell-mediated immune responses are capable of inhibiting bone marrow hematopoiesis. The mode of action of these cytokines is probably associated with their antiproliferative property. The decrease of serum iron and increase of storage iron appear to be consequences of the defense strategy of macrophages. Decreased serum iron correlates with decreased hemoglobin concentrations.

This Special Issue of *Nutrients* is focusing on the association between nutrition and new treatments for anemia in chronic inflammatory disorders. Authors are invited to submit their work, including original research, reviews, meta-research, and opinion papers, showcasing important issues governing nutrition and new treatments for anemia in chronic inflammatory disorders, e.g., are there possibilities to interfere with iron or tryptophan metabolism or supplementation with anti-inflammatory or antioxidant supplements to combat anemia development.



mdpi.com/si/72920

Special *Issue*



an Open Access Journal by MDPI

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

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Food Science)

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI