

## Special Issue

# Nutritional Problems of Children and Adults in Chronic Kidney Disease

### Message from the Guest Editors

The topic of chronic kidney disease nutrition depends on the stage of the patient's disease and nutritional status. The slow, irreversible, and progressive deterioration of kidney function, brings with it many challenges for both adult and pediatric patients.

Increased protein catabolism and protein malnutrition are common symptoms in patients. Moreover, it cannot be determined whether the low levels of thyroid hormones in CKD patients are an adaptation that reduces energy expenditure and minimizes protein catabolism, or the abnormal adaptation involved in the wasting syndrome.

Therefore, diet therapy is focused on: inhibiting kidney damage, preventing malnutrition, reducing the severity of metabolic disorders.

However, in the case of children, the topic is even more complicated.

Metabolic disorders include growth hormone (GH) and insulin-like growth factor I (IGF-I), alteration of bone and mineral (calcium and phosphate) metabolism, leading to osteodystrophy. Therefore, the purpose of this Special Issue is to discuss various solutions and help CKD patients.

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### Guest Editors

Prof. Dr. Małgorzata Szczuko

Department of Human Nutrition and Metabolomics, Pomeranian Medical University, 71-460 Szczecin, Poland

Dr. Karolina Kędzierska-Kapuzo

Department of Gastroenterological Surgery and Transplantology, Centre of Postgraduate Medical Education, Marymoncka St. 99/103, 01-813 Warsaw, Poland

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Deadline for manuscript submissions



## 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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*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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### 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 (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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