

## Special Issue

# Amino Acid Transport Defects in Human Inherited Metabolic Disorders

### Message from the Guest Editors

Amino acid transporters play essential roles in nutrient uptake, neurotransmitter recycling, protein synthesis, gene expression, cell redox balance, cell signaling, and regulation of cell volume. To date, 66 different human solute carrier (SLC) families and more than 400 transporter genes have been identified, including 11 that are known to include amino acid transporters. With regard to transporters that are closely connected to metabolism, amino acid transporter-associated diseases are linked to metabolic disorders, particularly when they involve different organs, cell types, or cell compartments. We encourage the submission of original research articles, communications, and topical reviews on all aspects related to metabolic inherited diseases that arise from amino acid transporter impairment: pathogenesis, clinical phenotype, laboratory findings, diagnosis, molecular research, and therapeutic targets.

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### Guest Editors

Dr. Domingo González-Lamuño

Department of Pediatrics, University Hospital "Marqués de Valdecilla"-University of Cantabria, Instituto de Investigación Valdecilla (IDIVAL), Avenida Cardenal Herrera Oria s/n, 39011 Santander (CANTABRIA), Spain

Dr. Raquel Yahyaoui

Laboratory of Metabolic Disorders and Newborn Screening Centre of Eastern Andalusia, Málaga Regional University Hospital, Institute of Biomedical Research-IBIMA-Plataforma BIONAND, 29011 Málaga, Spain

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### Deadline for manuscript submissions

closed (15 January 2023)



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
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Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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