

Special Issue

The Role of Cardiolipin in Mitochondrial Health and Disease

Message from the Guest Editors

Cardiolipin (CL) is a mitochondria-exclusive phospholipid that plays a pivotal role in mitochondrial architecture and function. In recent years, advances in lipidomic techniques and in vivo approaches have provided novel insights into cardiolipin metabolism and homeostasis. Moreover, aberrant CL content, structure and localisation are linked with ageing and neurodegeneration. CL has also emerged as a potential disease biomarker and pharmacological target aimed at restoring mitochondrial function. This Special Issue welcomes submissions of original research and review articles that focus on the contribution of CL to cellular homeostasis and pathophysiology. The aim is to deliver an overview of the expanding biological functions of CL and the contribution of impaired CL metabolism towards human disease states.

Guest Editors

Dr. Robert Pitceathly

Department of Neuromuscular Diseases, UCL Queen Square Institute of Neurology, London, UK

Dr. Micol Falabella

Department of Neuromuscular Diseases, UCL Queen Square Institute of Neurology, London, UK

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Biology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biology@mdpi.com

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Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

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