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The Role of Cardiolipin in Mitochondrial Health and Disease

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Deadline for manuscript submissions:

closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

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.

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Guest Editors



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Special Issue



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