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Mitochondrial Heterogeneity

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Message from the Guest Editors

Dear Colleagues,

As technological advances provided us unprecedented insight into biological processes at a sub-cellular and suborganeller level, there is a growing appreciation for the heterogeneity of the mitochondrial reticulum within individual cells. Within cells mitochondria in different subcellular locations are now known to be functionally and structurally specialised for their localised cellular roles. Contact with other organelles such as the endoplasmic reticulum marks the site of mitochondrial DNA replication and calcium signalling is heterogeneous throughout the cell. Furthermore, this heterogeneity occurs at the organelle level with adjacent cristae showing stark functional variation. This special issue invites original research papers and reviews that cover all aspects of mitochondrial heterogeneity.



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Special Issue



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