



Mitochondria and Cell Death 2016 (Hardback)

By -

Humana Press Inc., United States, 2016. Hardback. Book Condition: New. 2016 ed.. 235 x 155 mm. Language: English . Brand New Book. This volume examines the role of mitochondria in different types of cell death, including apoptotic and necrotic cell deaths. Topics discussed include mitochondrial outer membrane permeabilization (MOMP) and the permeability transition pore; core processes such as calcium handling, fission and fusion, reactive oxygen species generation, and maintenance of mitochondrial DNA fidelity and protein folding homeostasis; and retrograde signaling between mitochondria and other cellular components, including the important role of mitochondria in antiviral immunity. The expertly authored chapters are drawn from multidisciplinary international perspectives, lending a nuanced and comprehensive approach to the material. Mitochondria and Cell Death, part of the Cell Death in Biology and Diseases series, is invaluable reading for graduate students, researchers, and clinicians in the fields of neuroscience, oncology, gastroenterology, and hepatology, as well as those interested in the study of mitochondria and cell biology.



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Reviews

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