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| Nota di contenuto | Mitochondrial permeability transition : look from a different angle / N. Brustovetsky -- The mitochondrial permeability transition pore, the c-subunit of the F1Fo ATP synthase, cellular development and synaptic efficiency / E.A. Jonas, G.A. Porter, Jr., G. Beutner, N. Mnatsakanyan and K.A. Alavian -- Mitochondrial channels in neurodegeneration / P.M. Peixoto, K.W. Kinnally and Evgeny Pavlov -- Mitochondrial Ca ²⁺ transport in the control of neuronal functions : molecular and cellular mechanisms / Y.M. Usachev -- AMP-activated protein kinase (AMPK) as a cellular energy sensor and therapeutic target for neuroprotection / P. Weisova, S. Pfeiffer and J.H.M. Prehn -- HDAC6 : a molecule with multiple functions in neurodegenerative diseases / Y. Yan and R. Jiao -- Neuronal mitochondrial transport / A.L. Knight, Y. Chen, T. Sun and Z.-H. Sheng -- Mitochondria in control of hypothalamic metabolic circuits / C.M. Nasrallah and T.L. Horvath -- Mitochondria anchored at the synapse / G.A. Spirou, D. Jackson and G.A. Perkins -- Neuronal |

mitochondria are different : relevance to neurodegenerative disease / S. B. Berman and J.M. Hardwick -- PINK1 as a sensor for mitochondrial function : dual roles / E.K. Steer, M.K. Dail and C.T. Chu -- A get-together to tear it apart : the mitochondrion meets the cellular turnover machinery / G.-L. McLelland and E.A. Fon -- Mitochondrial involvement in neurodegenerative dementia / L. Bonanni, V. Frazzini, A. Thomas and M. Onofri -- Neuronal mitochondria as a target for the discovery and development of new therapeutics / V.K. Gribkoff -- Mitochondria as a therapeutic target for Alzheimer's disease / C.H.-L. Hung, S.S.-Y. Chung, S.M.-Y. Lee and R.C.-C. Chang -- Mitochondria in Parkinson disease / G. Arena and E.M. Valente -- Therapeutic targeting of neuronal mitochondria in brain injury / H.M. Yonutas, E.D. Hall and P.G. Sullivan -- The use of fibroblasts from patients with inherited mitochondrial disorders for pathomechanistic studies and evaluation of therapies / D. Soiferman and A. Saada.
