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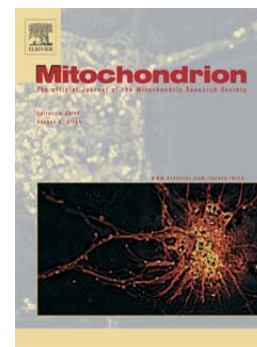
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Mitochondrial and Postmitochondrial Survival Signaling in Cancer

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Running Title: Survival signaling on the mitochondrion

Abbreviations: AKT/PKB, protein kinase B; Apaf-1, apoptotic protease activating factor 1; ERK, extracellular signal-regulated kinase; ETC, electron transport chain; FADD, Fas-associated death domain; FOXO3a, forkhead-box protein O3a; HK, hexokinase; HNE-1, Na⁺/H⁺ exchanger isoform-1; HSPs, heat shock proteins; IAPs, inhibitor of apoptosis proteins; IF1, inhibitor factor 1; IKK, I-kappa-B kinase; MAPK, mitogen-activated protein kinase; OMM, outer mitochondrial membrane; ROS, reactive oxygen species; SIRT-1, sirtuin 1; SOD, superoxide dismutase; VDAC, voltage-dependent anion channel; $\Delta\Psi_m$, electrochemical potential; Smac/Diablo, second mitochondrial-derived activator of caspase/direct inhibitor of apoptosis protein-binding protein with low pI.

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