BIOCHIMICA ET BIOPHYSICA ACTA -
MOLECULAR CELL RESEARCH
One of the nine topical journals of BBA

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DESCRIPTION

*BBA Molecular Cell Research* focuses on understanding the mechanisms of cellular processes at the molecular level. These include aspects of cellular signaling, signal transduction, cell cycle, apoptosis, intracellular trafficking, secretory and endocytic pathways, biogenesis of cell organelles, cytoskeletal structures, cellular interactions, cell/tissue differentiation and cellular enzymology. Also included are studies at the interface between Cell Biology and Biophysics which apply, for example, novel imaging methods for characterizing cellular processes.

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Autophagy, cancer, high-throughput/content imaging

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Ras family GTPases, mTOR, signal transduction

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Autophagy, endosomes, endocytosis, vacuole, membrane trafficking, yeast

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Pharmacology, Medicinal chemistry, Biochemistry, Cell biology, Cellular signalling, NDRG1, P-glycoprotein, Iron metabolism, Autophagy

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Calcium signalling, store-operated calcium entry, TRP channels, Orai, STIM

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Cancer, genomics, cell transformation, inflammation; proteolysis

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Leukemia; apoptosis; signal transduction; protein phosphatase; galecin; microRNA

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Saccharomyces cerevisiae, Organelles, Contact sites, Targeting and translocation, High content screens.

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Protein Biogenesis, Structural Biology, Quality Control, Membrane Proteins

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