

Reviews

Lens and retina regeneration: new perspectives from model organisms

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Structure-function relationships in calpains

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Research Papers

Farnesyl diphosphate synthase, the target for nitrogen-containing bisphosphonate drugs, is a peroxisomal enzyme in the model system

Dictyostelium discoideum

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The pig as a model for investigating the role of neutrophil serine proteases in human inflammatory lung diseases

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Coupling of ryanodine receptor 2 and voltage-dependent anion channel 2 is essential for Ca^{2+} transfer from the sarcoplasmic reticulum to the mitochondria in the heart

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Functional comparison of *Deinococcus radiodurans* Dps proteins suggests distinct *in vivo* roles

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Muscarinic receptors stimulate AC2 by novel phosphorylation sites, whereas $G\beta\gamma$ subunits exert opposing effects depending on the G-protein source

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Promoter-associated small double-stranded RNA interacts with heterogeneous nuclear ribonucleoprotein A2/B1 to induce transcriptional activation

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HER3 signalling is regulated through a multitude of redundant mechanisms in HER2-driven tumour cells

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Characterization of ML-IAP protein stability and physiological role *in vivo*

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Regulation of hepatic insulin sensitivity by activating signal co-integrator-2

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