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SPAK and OSR1: STE20 kinases involved in the regulation of ion homeostasis and volume control in mammalian cells

Published on the Internet 21 December 2007,
doi:10.1042/BJ20071324

The histidine phosphatase superfamily: structure and function

Published on the Internet 21 December 2007,
doi:10.1042/BJ20071097

The lectin-like oxidized low-density-lipoprotein receptor: a pro-inflammatory factor in vascular disease

Published on the Internet 21 December 2007,
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Research Papers

The role of loop and β -turn residues as structural and functional determinants for the lipoyl domain from the *Escherichia coli* 2-oxoglutarate dehydrogenase complex

Published as BJ Immediate Publication 11 October 2007,
doi:10.1042/BJ20071119

The stability and aggregation of ovine prion protein associated with classical and atypical scrapie correlates with the ease of unwinding of helix-2

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Conserved substrate binding by chaperones in the bacterial periplasm and the mitochondrial intermembrane space

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Polyamines modulate the subcellular localization of RNA-binding protein HuR through AMP-activated protein kinase-regulated phosphorylation and acetylation of importin α 1

Published as BJ Immediate Publication 8 October 2007,
doi:10.1042/BJ20070860

A novel zinc-dependent D-serine dehydratase from *Saccharomyces cerevisiae*

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A gain-of-function mutant of Munc18-1 stimulates secretory granule recruitment and exocytosis and reveals a direct interaction of Munc18-1 with Rab3

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