

Review Articles**Protein oxidation and peroxidation**

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M.J. Davies

805–825

New insights into the structure, assembly and biological roles of 10–12 nm connective tissue microfibrils from fibrillin-1 studies

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S.A. Jensen and P.A. Handford

827–838

Research Papers

Contributions of a unique β -clamp to substrate recognition illuminates the molecular basis of exolysis in ferulic acid esterases

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R.J. Gruninger, C. Cote, T.A. McAllister and D.W. Abbott

839–849

The membrane topology of vitamin K epoxide reductase is conserved between human isoforms and the bacterial enzyme

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Z. Cao, M. Van Lith, L.J. Mitchell, M.A. Pringle, K. Inaba and N.J. Bulleid

851–858

Profilin–PTEN interaction suppresses NF- κ B activation via inhibition of IKK phosphorylation

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A.H. Zaidi and S.K. Manna

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Reversible, partial inactivation of plant betaine aldehyde dehydrogenase by betaine aldehyde: mechanism and possible physiological implications

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A. Zárate-Romero, D.S. Murillo-Melo, C. Mújica-Jiménez, C. Montiel and R.A. Muñoz-Clares

873–885

Characterization of a double-CRD-mutated Gal-8 recombinant protein that retains co-stimulatory activity on antigen-specific T-cell response

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M.N. Schroeder, M.V. Tribulatti, J. Carabelli, G. André-Leroux, J.J. Caramelo, V. Cattaneo and O. Campetella

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TCDD-inducible poly-ADP-ribose polymerase (TIPARP/PARP7) mono-ADP-ribosylates and co-activates liver X receptors

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doi:10.1042/BJ20151077

C. Bindesbøll, S. Tan, D. Bott, T. Cho, L. Tamblin, L. MacPherson, L. Grønning-Wang, H.I. Nebb and J. Matthews

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The HIV gp41 pocket binding domain enables C-terminal heptad repeat transition from mediating membrane fusion to immune modulation

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Y.A. Klug, G. Kapach, E. Rotem, B. Dubreuil and Y. Shai

911–918

A systematic evaluation of sorting motifs in the sodium–iodide symporter (NIS)

Accepted Manuscript online 1 February 2016,
doi:10.1042/BJ20151086

E. Darrouzet, F. Graslin, D. Marcellin, I. Tcheremisnova, C. Marchetti, L. Salleron, P. Pognonec and T. Pourcher

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The anti-tumour agent lonidamine is a potent inhibitor of the mitochondrial pyruvate carrier and plasma membrane monocarboxylate transporters

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B. Nancolas, L. Guo, R. Zhou, K. Nath, D.S. Nelson, D.B. Leeper, I.A. Blair, J.D. Glickson and A.P. Halestrap

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The interaction between AMPK β 2 and the
PP1-targeting subunit R6 is dynamically regulated
by intracellular glycogen content

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BRCA1 affects protein phosphatase 6 signalling
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C. Rubio-Villena, D. Chanda, M.A. Garcia-Gimeno,
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A. Vincent, E. Berthel, E. Dacheux, C. Magnard
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