

Research Communications

- Suppression of G_{iaz2} enhances phospholipase C signalling
 Sphinganine 1-phosphate metabolism in cultured skin fibroblasts: evidence for the existence of a sphingosine phosphatase
- D.C. Watkins, C.M. Moxham, A.J. Morris and C.C. Malbon **593–596**
 P.P. Van Veldhoven and G.P. Mannaerts **597–601**

Research Papers

Proteins

- Blue shifts in bacteriochlorophyll absorbance correlate with changed hydrogen bonding patterns in light-harvesting 2 mutants of *Rhodobacter sphaeroides* with alterations at α -Tyr-44 and α -Tyr-45
- Differential-scanning-calorimetric study of the irreversible thermal denaturation of 8 kDa cytotoxin from the sea anemone *Radianthus macrodactylus*
- Interaction of transferrin and its iron-binding fragments with heparin
- Interaction of skeletal-muscle myosin subfragment-1 with the actin-(338–348) peptide
- G.J.S. Fowler, G.D. Sockalingum, B. Robert and C.N. Hunter **695–700**
 G.G. Zhadan and V.L. Shnyrov **731–733**
 E. Regoeczi, P.A. Chindemi and W.-L. Hu **819–823**
 J.-P. Labbé, S. Lelievre, M. Boyer and Y. Benyamin **875–879**

Enzymes

- Identification and properties of a peptidyl dipeptidase in the housefly, *Musca domestica*, that resembles mammalian angiotensin-converting enzyme
- Site-directed mutagenesis of β -lactamase I: role of Glu-166
- Rat liver mitochondrial ADP-ribose pyrophosphatase in the matrix space with low K_m for free ADP-ribose
- Immunological analysis of developmental changes in ecdysone 20-mono-oxygenase expression in the cotton leafworm, *Spodoptera littoralis*
- Synthesis of dehydrogenation polymers of ferulic acid with high specificity by a purified cell-wall peroxidase from French bean (*Phaseolus vulgaris* L.)
- The secreted cathepsin L-like proteinases of the trematode, *Fasciola hepatica*, contain 3-hydroxyproline residues
- Bacterial morphine dehydrogenase further defines a distinct superfamily of oxidoreductases with diverse functional activities
- A rapid and simple method for the purification of transglutaminase from *Streptovorticillium mobaraense*
- A new dopachrome-rearranging enzyme from the ejected ink of the cuttlefish *Sepia officinalis*
- Uptake of protoporphyrin and continuous spectrophotometric assay for magnesium chelatase in *Rhodobacter sphaeroides*
- Purification and properties of porphobilinogen deaminase from *Arabidopsis thaliana*
- N.S. Lamango and R.E. Isaac **651–657**
 Y.-C. Leung, C.V. Robinson, R.T. Aplin and S.G. Waley **671–678**
 D. Bernet, R.M. Pinto, M.J. Costas, J. Canales and J.C. Cameselle **679–682**
 J.-H. Chen, T. Hara, M.J. Fisher and H.H. Rees **711–717**
 A. Zimmerlin, P. Wojtaszek and G.P. Bolwell **747–753**
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 N.C. Bruce, D.L. Willey, A.F.W. Coulson and J. Jeffery **805–811**
 U. Gerber, U. Jucknischke, S. Putzien and H.-L. Fuchsbaauer **825–829**
 A. Palumbo, M. d'Ischia, G. Misuraca, L. De Martino and G. Prota **839–844**
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 R.M. Jones and P.M. Jordan **895–902**

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- The fatty acids in unremodelled trypanosome glycosyl-phosphatidylinositols
- C. Abadie, M. Hug, C. Kübli and N. Gains **725–730**
 T.L. Doering, M.S. Pessin, G.W. Hart, D.M. Raben and P.T. Englund **741–746**

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Full activation of a nuclear species of protein phosphatase-1 by phosphorylation with protein kinase A and casein kinase-2 by A. Van Eynde, M. Beullens, W. Stalmans and M. Bollen (volume 297, pages 447–449, 1994)		903
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