

Review

- The trappin gene family: proteins defined by an N-terminal transglutaminase substrate domain and a C-terminal four-disulphide core**
by J. Schalkwijk, O. Wiedow and S. Hirose

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- Oxidation of indole-3-acetic acid by dioxygen catalysed by plant peroxidases: specificity for the enzyme structure

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- Colicin E1 forms a dimer after urea-induced unfolding
- Protein modification during biological aging: selective tyrosine nitration of the SERCA2a isoform of the sarcoplasmic reticulum Ca^{2+} -ATPase in skeletal muscle
- N-terminal domains of fibrillin 1 and fibrillin 2 direct the formation of homodimers: a possible first step in microfibril assembly
- Effects of the amyloid precursor protein $\text{Glu}^{693} \rightarrow \text{Gln}$ 'Dutch' mutation on the production and stability of amyloid β -protein
- Identification of oligopeptide sequences which inhibit migration induced by a wide range of chemokines
- Copper(II)-induced self-oligomerization of α -synuclein

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- Palmitoylation of the three isoforms of human endothelin-converting enzyme-1
- Arginine kinase evolved twice: evidence that echinoderm arginine kinase originated from creatine kinase
- Evidence that cysteine-166 is the active-site nucleophile of *Pseudomonas aeruginosa* amidase: crystallization and preliminary X-ray diffraction analysis of the enzyme
- NO synthase II in mouse skeletal muscle is associated with caveolin 3
- Autoinhibition of neuronal nitric oxide synthase: distinct effects of reactive nitrogen and oxygen species on enzyme activity
- Characterization of a novel spermidine/spermine acetyltransferase, BltD, from *Bacillus subtilis*

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