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Vitae

Education

Ph.D., University of New South Wales, Australia, 1966

Selected Professional Experience

- 1966 - American Chemical Society
- 1974 - Biophysics Society
- 1987 - American Society for Biological Chemistry & Molecular Biology
- 1989 - Protein Society

Selected Publications

1995 With Gopal, D. Myosin Subfragment 1 Hydrophobicity Changes Associated with Different Nucleotide-Induced Conformations. *Biochemistry* (in press).

1995 With Gopal, D. Formation of Stable Inhibitory Complexes of Myosin Subfragment 1 Using Fluoroscandium Anions. *J. Biol. Chem.* 270, 19282-19286.

1995 With Gopal, D., Bobkov, A.A., Schwonek, J.P., Sanders, C.R., Ikebe, M., Levitsky, D.I. Structural Basis for Actomyosin Chemomechanical Transduction by Non-Nucleoside Triphosphate Analogues. *Biochemistry*, 34:12178-12184.

1992 Searching for Nucleotide-Induced Movements in Myosin S1. *Proceedings of International Meeting on Muscle as a Machine. NIH 1992.*

1991 With Agarwal, R. and Rajasekharan, K.H. Identification of the Site of Photocross-linkings Formed in the Absence of Magnesium Nucleotide from SH2 (Cys-697) in Myosin Subfragment 1 Labeled with 4'-maleimidylbenzophenone. *J. Biol. Chem.*, 266: 2272-2275.

1991 With Rajasekharan, K.N., Morita, J.-I., Mayadevi, M., and Ikebe, M. Formation and Properties of Smooth Muscle Myosin 20-kDa Light Chain - Skeletal Muscle Myosin Hybrids and Photocross-linkings from Maleimidylbenzophenone-Labeled Light Chain to the Heavy Chain. Arch. Biochem. Biophys: 288: 584-590.

1991 With Agarwal, R. Temperature Induced Changes in the Flexibility of the Loop Between SH1 (cys-707) and SH3 (cys-522) in Myosin Subfragment 1 Detected by Cross-Linking. Arch. Biochem. Biophys., 290:1-6.