

Indian Journal of Biochemistry & Biophysics

VOLUME 36

NUMBER 1

FEBRUARY 1999

CONTENTS

- Purification and characterization of a type II phosphatidylinositol 4-kinase from rat spleen and comparison with a PtdIns 4-kinase from lymphocytes
Mary Verghese, Aaron Z Fernandis and Gosukonda Subrahmanyam* 1
- Age dependent alterations in photosystem II acceptor side in *Cucumis sativus* cotyledonary leaf thylakoids: Analysis of binding characteristics of herbicide [¹⁴C]-atrazine
J S S Prakash, M A Baig and Prasanna Mohanty* 10
- Theoretical study of conformational flexibility of tuftsin in vacuum and in aqueous environment
V Kothekar*, Ashish, D Gupta and R Kishore 14
- Modeling, design, chiral aspects and role of *para*-substituents in aryloxypropranolamine based β -blockers
Fateh S Nandel*, Ramanpreet K Dhaliwal and Balvinder Singh 29
- Eggplant tissue homogenate-based bioselective membrane electrode for determination of catechol
Erhan Dinçkaya*, Erol Akyilmaz, Azmi Telefoncu and Sinan Akgöl 36
- n*-Propanol as a substrate for assaying the ligninperoxidase activity of *Phanerochaete chrysosporium*
V Shanmugam, Meera Kumari and K D S Yadav* 39
- Serum vitamins E, A and lipid peroxidation levels in *Kurichias*, an Indian tribal population
K K Reddy*, A Papa Rao and T P K Reddy 44
- Effect of high arsenic content in drinking water on rat brain
Aditi Nag Chaudhuri*, Srabanti Basu, Sukumar Chattopadhyay and S Das Gupta 51

CONTENTS

Notes

Chemical characterization of the lipopolysaccharides from enteropathogenic *Escherichia coli* O142 and O158 55
Anup Kr Datta* and Sumanta Basu

Coriandrum sativum changes the levels of lipid peroxides and activity of antioxidant enzymes in experimental animals 59
V Chithra and S Leelamma*

Book Review 62

*Author for correspondence