DRUG METABOLISM AND DRUG INTERACTIONS

VOLUME 23, NO. 1-2, 2008

Special Issue on Methylglyoxal

CONTENTS

| reface 1 |
|--|
| ist of Contributors |
| The Nobel Laureate Albert Szent-Györgyi - Scientist and Iumanist Miklos Péter Kalapos, Hungary |
| Molecular Enzymology of the Glyoxalase System Sengt Mannervik, Sweden |
| Aicrobial Glyoxalase Enzymes: Metalloenzymes Controlling Cellular Levels of Methylglyoxal Vicole Sukdeo and John F. Honek, Canada |
| An Overview on the Role of Methylglyoxal and Glyoxalases in Plants K.K. Yadav, S.L. Singla-Pareek and S.K. Sopory, India |
| Methylglyoxal and Glucose Metabolism: A Historical Perspective and Future Avenues for Research Miklos Péter Kalapos, Hungary |
| Methylglyoxal, Diabetes Mellitus and Diabetic Complications David L. Vander Jagt, USA |
| Protein and Nucleotide Damage by Glyoxal and Methylglyoxal n Physiological Systems - Role in Ageing and Disease Paul J. Thornalley, UK |
| Free Radical Generation by Methylglyoxal in Tissues K.M. Desai and L. Wu, Canada |
| A Brief Critical Overview of the Biological Effects of Methylglyoxal and Further Evaluation of a Methylglyoxal-Based Anticancer Formulation in Treating Cancer Patients Dipa Talukdar, Subhankar Ray, Manju Ray and Sanjoy Das, India 175 |