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Edited by C A Rice-Evans, *UMDS, Guy's and St. Thomas' Hospital, London, UK* and B Halliwell, *King's College, London*

Biochemical Society Symposium No. 61

The proceedings of the symposium of the 653rd Biochemical Society Meeting, University of Sussex, December 1994

Contents include: Introduction, Kelvin Davies; Free radical metabolites of carcinogenic hydrocarbons, L Marnett; Air pollution - general aspects; Ozone, cigarette smoke and NO₂-imposed stress, C Cross; Smog and sulphur dioxide-induced damage, E Elstner; Myeloperoxidase as a generator of drug free radicals, J Uetrecht; Antioxidant and pro-oxidant drugs in arthritis treatment, P Evans; Tamoxifen as an antioxidant and a cardioprotectant, H Wiseman; Nitric oxide — good and bad, B Freeman; Thiol radicals — significant or trivial? B Kalyaraman; Radicals from one electron reduction of nitro compounds, aromatic N-oxides and quinones, P Wardman; Therapeutic iron chelators and their side effects, S Singh; Neurotoxic agents and their possible role in neuro-degenerative disease, P Jenner; Ultraviolet radiation and free radical damage to skin, R Tyrrell; Free radicals and food irradiation, N Dodd; How to characterise an antioxidant, B Halliwell; Plant phenolics - free radical scavengers or chain breaking antioxidants? C Rice-Evans; Dietary pro-oxidants and lipid oxidation products: atherogenicity toxicity and control, P Addis; Plant carotenoids and related molecules — important dietary antioxidants, N Krinsky; Antioxidants in food packaging: a risk factor? G Scott; Antioxidant agents in raw materials and products, C Eriksson.

1 85578 069 0 Hard 230 pages £60.00/US\$96.00 November 1995

Oxidative Stress, Lipoproteins and Cardiovascular Dysfunction

Edited by C A Rice-Evans, *UMDS, Guy's and St. Thomas' Hospital, London, UK* and K R Bruckdorfer, *RFHSM, University of London, UK*

This book brings together some of the foremost researchers in the field of free radical biology as applied to cardiovascular disease, who present up-to-date but concise information concerning new developments in this exciting area of research. The book examines and evaluates our understanding of the role of lipoprotein oxidation in atherosclerosis, mainly from an experimental viewpoint, but referring appropriately to clinical observations. These concepts have given an important stimulus and validity to free radical research and have unleashed much controversy. The book therefore presents different perspectives on the outstanding problems concerning the mechanisms of initiation of atherosclerosis and also reperfusion injury. The book will be of value to scientists and clinicians interested and involved in the development of this fertile area of research and highlights areas of future developments.

1 85578 045 3 Hard 190 pages £60.00/US\$96.00 August 1995

Fundamentals of Enzyme Kinetics

A Cornish-Bowden, *LCB-CNRS, Marseilles, France*

Since the first edition was published in 1979, the development of techniques for studying and manipulating genes has transformed biochemistry. Nonetheless, enzymes remain at the heart of all living systems, and an understanding of how they operate is vital for understanding the chemistry of life.

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