

CONTENTS



Participants	v
Preface	ix
Chairman's Introduction <i>T.F. Slater</i>	1
 1. ANTICOAGULANTS AND METASTASIS	
Experimental Studies on Metastasis <i>I.R. Hart</i>	5
Warfarin Anticoagulation for Human Malignancy <i>L.R. Zacharski</i>	23
Coumarins, Melanoma and Cellular Immunity <i>R.D. Thornes</i>	43
Role of Prostacyclin and Thromboxanes in Tumour Cell- Platelet-Vessel Wall Interactions <i>K.V. Honn, D. Menter, D. Moilanen, P.G. Cavanaugh, J.D. Taylor and B.F. Sloane</i>	57
 2. ANTIOXIDANTS	
Mechanisms of Antioxidant Action. Studies on Vitamin E and Related Antioxidants in Biological Systems <i>G.W. Burton and K.U. Ingold</i>	81
Resistance to Lipid Peroxidation by Cultured Neoplastic Cells <i>R.M. Arneson, J.D. Wander, M.C. Cabot, E.-L. Tan, R.L. Schenley and A.W. Hsie</i>	101
Benzo(a)pyrene and Ascorbate-CuSO ₄ Induce DNA Damage in Human Cells by Indirect Action <i>M.-L. Ide, M. Kaneko and P.A. Cerutti</i>	125
Glutathione and Aflatoxin B ₁ Induced Liver Tumours: A Hypothesis Concerning the Mechanism by which Glutathione Induces Either Necrosis or Differentiation of Neoplastic Hepatocytes <i>A.M. Novi</i>	141

Vitamin C and Consecutive Hydrogen Atom and Electron Transfer Reactions in Free Radical Protection: A Novel Catalytic Role for Glutathione <i>L.G. Forni and R.L. Willson</i>	159
Substituted Phenols as Inducers of Enzymes that Inactivate Electrophilic Compounds <i>M.J. DeLong, H.J. Prochaska and P. Talalay</i>	175
 3. VITAMIN C	
Recent Aspects of the Chemistry of Vitamin C <i>R. Arnold, G. Fodor, H. Mathelier, T. Mohacsi, A. Szent-Györgyi and R.W. Veltri</i>	197
The Prophylactic and Therapeutic Effect of Vitamin C on Experimental Malignant Tumours <i>G. Kallistratos, E. Fasske, A. Donos and V. Vadalouka-Kalfakakou</i>	221
High Dose Ascorbate Therapy and Cancer <i>L. Moffat, E. Cameron and A. Campbell</i>	243
 4. RETINOIDS AND β -CAROTENE	
Chemistry, Pharmacology and Clinical Aspects of Retinoids <i>W. Bollag</i>	257
The Role of Retinoids as Protective Agents in Experimental Carcinogenesis <i>R.K. Boutwell</i>	279
 Index	 299