

Table of Contents

Metabolic and Transport Alterations in Cells Transformed by Rous Sarcoma Virus (<i>M. J. Weber</i>)	1
Some Tumour Markers in Malignant and Non-Malignant Hybrid Cells (<i>M. E. Bramwell and M. K. White</i>)	11
D-Glucose Transport in Oncogenic Transformation (<i>M. Hatanaka</i>)	21
In Vivo Determination of Kinetic Parameters for Glucose Influx and Efflux by Means of 3-0- ¹¹ C-Methyl-D-Glucose, ¹⁸ F-3-Deoxy-3-Fluoro-D-Glucose and Dynamic Positron Emission Tomography; Theory. Method and Normal Values (<i>K. Vyska, M. Profant, F. Schuier, E. J. Knust, H.-J. Machulla, H. M. Mehdorn, W. H. Knapp, G. Spohr, R. von Seggern, I. Kimmling, V. Becker, and L. E. Feinendegen</i>)	37
Physiological Conditions and Methodological Prerequisites for the In-Vivo Measurement of Substrate Transport in Tumors (<i>W. H. Knapp, J. M. F. Chamayou, H. Ostertag, F. Helus, and S. Matzku</i>)	61
Diagnostic Demands in Clinical and Experimental Oncology: Application of Substrates Labeled with Positron-Emitting Radionuclides (<i>R. E. Reimann, G. Rosen, A. S. Gelbard, R. S. Benna, S. D. J. Yeh, and J. S. Laughlin</i>)	73
Labeling of Organic Compounds with Positron Emitters (<i>F. Helus and W. Maier-Borst</i>)	87
Subject Index	99