Progress in
Experimental Tumor Research

Vol. 12

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With 11 figures and 10 tables

1969

BASEL (Switzerland) S. KARGER NEW YORK

Progress in Experimental Tumor Research

Vol. 1: XVI+476 p., 166 fig., 44 tab., 1 cpl., 1960
Vol. 2: XIV+386 p., 220 fig., 48 tab., 1961
Vol. 4: XII+320 p., 169 fig., 41 tab., 1964
Vol. 5: XII+308 p., 85 fig., 48 tab., 1964
Vol. 6: XII+340 p., 45 fig., 34 tab., 1965
Vol. 7: VIII+ 352 p., 43 fig., 26 tab., 1965
Vol. 8: VI+297 p., 93 fig., 36 tab., 1966
Vol. 9: X+341 p., 85 fig., 25 tab., 1967
Vol. 10: X+293 p., 40 fig., 15 tab., 1968
Vol. 11: XII+496 p., 92 fig., 73 tab., 1 cpl., 1969

S. Karger AG, Arnold-Bcklin-Strasse 25, 4000 Basel 11 (Switzerland)

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Printed in Switzerland by Buchdruckerei Tanner & Bosshardt AG, Basel
Blocks: Steiner & Co., Basel

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This volume is dedicated to
the memory of

DR. GEORGE THOMAS PACK, 1889-1969

outstanding leader in
cancer surgery and clinical oncology.

Editor's Foreword

We have on past occasions stressed the difficulty of determining what achievements in experimental tumor research constitute progress, defined as 'an advance toward a goal', in contrast to merely 'going on'. This volume covers four aspects of tumor research, each of which might well lead to important new approaches toward the understanding of cancer etiology and pathogenesis. Human epidemiology has yielded information on environmental and occupational carcinogenesis. Combined with geographical pathology, as exemplified in ROSE'S contribution,
this method may well uncover new leads. The concept of cell-coating glycoproteins, called 'symbodies' by APFFEL, and PETERS, places into a new perspective certain hard-to-explain aspects of tumor immunology. VAN DUUREN and MELCHIONNE have brought together widely scattered fragments of information on chemoprophylaxis of carcinogenesis and on inhibitors of carcinogenesis. FURST and HARO bring into focus problems of metal carcinogenesis. Each contribution constitutes an important step in tumor research. Whether these steps will bring closer the goal of cancer control only the future will tell.

We are grateful to the contributors and to our editorial assistant, Mrs. Mary Miller, and express our appreciation at the time of publication of this twelfth volume to the many helpful persons who have made this series possible.

F. Homburger, M.D.

Editor

Bio-Research Institute, Inc.

Cambridge, Mass. (USA)