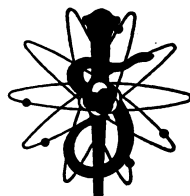


CONTENTS



Journal of NUCLEAR MEDICINE

VOLUME 7

JANUARY, 1966

NO. 1

- JAMES L. QUINN III, M.D., LOUIS R. HEAD, M.D. Radioisotope Photoscanning in Pulmonary Disease 1
- EDWARD M. SMITH, C. CRAIG HARRIS, ROBERT H. ROHRER. Calculation of Local Energy Deposition Due to Electron Capture and Internal Conversion 23
- MUTSUMASA TAKAHASHI, M.D., MOHAMMED M. NOFAL, M.D., AND WILLIAM H. BEIERWALTES, M.D. Correlation of Brain Scan Image and Area Counting After Scanning With Tumor Pathology 32
- KIN-ICHI HISADA, M.D., TATSUNOSUKE HIRAKI, M.D., AND SATORU OHBA, M.D. Positive Delineation of Human Tumors with ^{131}I Human Serum Albumin 41
- ALBERT L. RHOTON, JR., M.D., JOHN EICHLING, M.S., AND MICHEL M. TER-POGOSSIAN, PH.D. Comparative Study of Mercury-197 Chlormerodrin and Mercury-203 Chlormerodrin For Brain Scanning 50
- EUGENE M. SIGMAN, CHARLES M. ELWOOD, AND FRANKLYN KNOX. The Measurement of Glomerular Filtration Rate in Man with Sodium Iothalamate ^{131}I (Conray) 60
- STACY C. SWANBERG, B.Sc. Design and Construction of an Inexpensive Beta-Gamma Floor Monitor 69
- O. L. MANFREDI, M.D., CARL J. COLLICA, B.S., AND SIDNEY RUBENFELD, M.D. ^{131}I T-3 Resin-Sponge Uptake Using Ice Water Bath Incubation—A Modified Technique 72