CONTENTS

Quantitative Inferences concerning the Genetic Effects of Radiation on Human Beings: Robley D. Evans ........... 299

Neomycin, a New Antibiotic Active against Streptomycin-Resistant Bacteria, including Tuberculosis Organisms: Selman A. Waksman and Hubert A. Lechevalier .................. 305

Technical Papers

Electron Micrographic Observations of Tobacco Mosaic Virus in Crude, Undiluted Plant Juice: Robley C. Williams and Russell L. Steere ... 308

Infrared Spectra and the Amide Linkage in a Native Globular Protein: I. M. Klotz and Patricia Griswold ........... 309

The Effect of Choline-Deficiency on Uterine Activity of Rats: Charles P. Kraatz and Charles M. Gruber .... 310

A New Method of Inoculating the Maydeae with Smut Fungi: Jack R. Wallin ............. 312

The Semiquinone Radical of Tocoephophol: L. Michaelis and S. H. Wollman ................... 313

Technique for Making Spreads of Omentum from Small Animals: Joy Barnes Cross ........ 314


The Use of Ion Exchange for the Determination of Radioelements in Large Volumes of Urine: Jack Schubert, Edwin R. Russell and Lawrence B. Farabee ............ 316

Book Reviews

Advances in food research: E. M. Mrak and George F. Stewart. Reviewed by E. V. Collum ............... 318


Scientific Book Register .................... 318

News and Notes .................................. 319
Science 109 (2830), 299-322.