CONTENTS OF VOLUME 196

B. F. HUFFMAN, P. F. CRANEFIELD, E. LEPESCHKIN, B. SURAWICZ AND H. C. HERRLICH. Comparison of cardiac monophasic action potentials recorded by intracellular and suction electrodes 1297

B. SURAWICZ, E. LEPESCHKIN, H. C. HERRLICH AND B. F. HOFFMAN. Effect of potassium and calcium deficiency on the monophasic action potential, electrocardiogram and contractility of isolated rabbit hearts 1302

MORTON J. OPPENHEIMER, HERBERT M. STAUFFER, LOUIS A. SOLOFF AND THOMAS M. DURANT. Physiological effects of carbon dioxide gas introduced into coronary arteries 1308

D. L. DAVIS AND W. F. HAMILTON. Small vessel responses of the rabbit ear 1312

D. L. DAVIS AND W. F. HAMILTON. Small vessel responses of the dog paw 1316

DANIEL N. TAPPER AND MORLEY R. KARL. Epinephrine-induced hemococoncentration in the domestic hen 1322

MELVIN J. FREGLY. Specificity of sodium chloride aversion of hypertensive rats 1326

WILLIAM A. NEELY. Apparent sodium space of the dog 1333

MATTHEW N. LEVY AND GERARDO SACCURA. Diffusion of oxygen from arterial to venous segments of renal capillaries 1336

DAVID B. GORDON. Nature of the depressor agent in extracts of rabbit kidneys 1340

RICHARD H. KESSLER, KLAUS HIERHOLZER, RUTH S. GURD AND ROBERT F. PITT. Localization of action of chlorothiazide in the nephron of the dog 1346

G. M. KRAUSE AND C. M. WILLIAMS. Hormonal factors influencing postirradiation creatinuria and polyuria in the rat 1354

CORRIGENDA


Page 63: MORRIS KLEINFELD, ALBERT ROSENTHAL AND EDWARD STEIN, “Comparative effects of DL-thyronine, L-triiodothyronine and l-thyroxine on the isolated perfused frog heart.” The name of the second author should read Alvin S. Rosenthal.


Page 589: LLOYD R. YONCE AND CHARLES R. BRASSFIELD, “Analysis of vagal and cholinesterase effects on the heart of Chelydra serpentina.” Figures 3 and 4 are reversed. The legends are correct.

Volume 196, January 1959.

Page 117: SEYMOUR H. WOLLMAN AND FRANKLIN E. REED, “Transport of radiiodide between thyroid gland and blood in mice and rats.” Column 1, the introductory line to equation 2 was omitted. Should read: If is constant, integration of equation 1 yields:

Volume 196, February 1959.

Page 291: D. T. KRIEGER, A. MOSES, H. ZIFFER, J. L. GABRILOVE AND L. J. SOFFER, “Effect of acetazolamide on thyroid metabolism.” Column 2, lines 10 and 11 should read: . . . .0.1 μc of radioactive iodine (131I) was added to each flask.

Page 292: Column 2, paragraph 2, lines 6, 7 and 8 should read: There was no increase in uptake when the amount of radioactivity added was varied from 0.1 to 0.3 μc.

Volume 196, May 1959.

Page 947: C. E. ITALL AND O. ITALL, “Contrasting effects of stress and cortisol overdosage in the rat.” Figure 1 is upside down—and reversed left to right.

Illustrations used for tailpieces are reproduced from Rabbit No. 202 (Seattle, 1940) through the courtesy of the author-artist, Homer Wheelon, member of the American Physiological Society since 1919.