



March-April 1983, Volume 5, Number 2

LABORATORY STUDIES:

- Pressor Responses to Norepinephrine During Captopril in Renal Prehypertensive Rabbits**159
DEBRA G. KOIVUNEN, J. ALAN JOHNSON, W. KIRT NICHOLS, DAVID W. ZEIGLER,
SUWAN SIRIPAISARNPIPAT, and CHARLES G. PAYNE
- Renal Vasodilation by Converting Enzyme Inhibition. Role of Renal Prostaglandins**166
JUAN A. OLIVER, ROBERT R. SCIACCA, and PAUL J. CANNON
- Cardiovascular and Sympathetic Responses to Chronic Arachidonate in SHR and WKY Rats** .. 172
MOHAMED A. BAYORH, ZOFIA ZUKOWSKA-GROJEC, DAVID EZRA, GIORA Z. FEUERSTEIN, and
IRWIN J. KOPIN
- Increase in Plasma Renin in Aggressive Mice Originates from Kidneys, Submaxillary and
Other Salivary Glands, and Bites**180
KNUD POULSEN, and ERIK BAKKELUND PEDERSEN
- Hypoalgesia in Genetically Hypertensive Rats (SHR) is Absent in Rats with Experimental
Hypertension**185
J. M. ADRIAAN SITSEN, and WYBREN DE JONG
- Role of Glandular Kallikrein in the Activation Process of Human Plasma Inactive Renin**... 191
KUNIO HIWADA, CHIEMI MATSUMOTO, and TATSUO KOKUBU
- Presynaptic α - and β -Adrenoceptor Stimulation and Norepinephrine Release in the Spontane-
ously Hypertensive Rat**198
ROBERT D. EKAS, JR., MARIE L. STEENBERG, MICHAEL S. WOODS, and
MUSTAFA F. LOKHANDWALA
- Existence of Prokallikrein in the Kidney. Its Biochemical Properties Compared to Three Active
Glandular Kallikreins from the Kidney, Serum, and Urine of the Rat**205
KAZUTAKA NISHIMURA, HIDEKAZU SHIMIZU, and TATSUO KOKUBU
- Dissociation of Genetic Hyperactivity and Hypertension in SHR**211
EDITH D. HENDLEY, DONNA G. ATWATER, MICHAEL M. MYERS, and DAVID WHITEHORN
- Chronic Sucrose Ingestion Induces Mild Hypertension and Tachycardia in Rats**218
RUBEN D. BUÑAG, TATSUO TOMITA, and SUSUMU SASAKI
- Activation of Peripheral Dopamine Presynaptic Receptors Lowers Blood Pressure and Heart
Rate in Dogs**226
ADDISON A. TAYLOR, WILLIAM H. FENNELL, MITCHELL B. FELDMAN, TEDD A. BRANDON,
JAMES Z. GINOS, and JERRY R. MITCHELL

CLINICAL STUDIES:

- Synergistic Effect of Captopril with Hydrochlorothiazide for the Treatment of Low-Renin
Hypertensive Black Patients**235
O. BRYAN HOLLAND, LA VON KUHNERT, WILLIAM B. CAMPBELL, and RON J. ANDERSON

Continued on next page

CONTENTS (Continued)

Asymptomatic Normotensive Primary Aldosteronism. Case Report.....	240
MASATO MATSUNAGA, AKIRA HARA, TAE SUNG SONG, MEGUMU HASHIMOTO, SHIGEKI TAMORI, KAZUYA OGAWA, KENICHI MORIMOTO, CHUN HO PAK, CHUICHI KAWAI, and OSAMU YOSHIDA	
Synchronous Changes in Prorenin and Renin Secretion after Captopril in Patients with Renal Artery Stenosis	244
FRANS H. M. DERKX, LIES TAN-TJONG, GERT J. WENTING, FRANS BOOMSMA, ARIE J. MAN IN'T VELD, and MAARTEN A.D.H. SCHALEKAMP	
Increased Plasma Norepinephrine Accompanies Persistent Tachycardia After Hydralazine.....	257
MIN-SHUNG LIN, JOHN L. MCNAY, ALEXANDER M.M. SHEPHERD, GARY E. MUSGRAVE, and T. KENT KEETON	
Continuous vs Intermittent Blood Pressure Measurements in Estimating 24-Hour Average Blood Pressure	264
MARCO DI RIENZO, GUIDO GRASSI, ANTONIO PEDOTTI, and GIUSEPPE MANCIA	
Simple Portable Device for Sampling a Whole Day's Urine and its Application to Hypertensive Outpatients	270
OSAMU TOCHIKUBO, SUSUMU UNEDA, and YOSHIHIRO KANEKO	
LETTER TO THE EDITOR	275
NEWS FROM THE AMERICAN HEART ASSOCIATION	276A