LABORATORY STUDIES:

Effect of AV3V Lesions on Development of DOCA-Salt Hypertension and Vascular Na⁺-Pump Activity ................................................. 575  
EMEL SONGU-MIZE, STEVEN L. BEALER, and R. WILLIAM CALDWELL

Evidence for a Vascular Sensitizing Factor in Plasma of Saline-Loaded Dogs .............. 581  
WALTER C. PLUNKETT, PHILIP M. HUTCHINS, KENNETH A. GRUBER, and VARDAMAN M. BUCKALEW, JR.

Modulation of Brain Angiotensin-Converting Enzyme by Dietary Sodium and Chronic Intravenous and Intracerebroventricular Infusion of Angiotensin II ........................................ 590  
F.A.O. MENDELSOHN, J. CSICSMAJN, J.S. HUTCHINSON, R. DI NICOLANTONIO, and Y. TAKATA

Baroreceptor Reflex Influence on Peripheral Circulations in Salt-Loading Hypertension in Dogs ...................................................... 597  
JEAN-FRANÇOIS LIARD, and ROSELLA SIENZIO

Effects of Chronic Sodium Depletion on Canine Brain Renin and Cathepsin D Activities... 604  
K. BRIDGET BROSNIHAN, ROBERT R. SMEBY, and CARLOS M. FERRARIO

Potassium Relaxation of Vascular Smooth Muscle from DOCA Hypertensive Pigs ........ 609  
R. CLINTON WEBB

Role of Extracellular Volume Expansion in the Development of DOC-Salt Hypertension in the Rat .................................................. 620  
MARIO F. VILLAMIL, CARLOS AMORENA, JORGE PONCE-HORNOS, ANGÉLICA MÜLLER, and ALBERTO C. TAQUINI

Effect of Alterations in Extracellular Fluid Volume on Urinary Kallikrein in the Conscious Rat 625  
ERIC S. MARKS, MARIAN FRECH, DAVID PROUD, and HARRY R. KEISER

Furosemide Increases Urine 6-Keto-Prostaglandin F₁α Relation to Natriuresis, Vasodilation, and Renin Release ............................................ 634  
THOMAS W. WILSON, C. BOYD LOADHOLT, PHILIP J. PRIVITERA, and PERRY V. HALUSHKA

Potentiation of Bradykinin by Captopril During Suppression of Prostacyclin Synthesis...... 642  
ROBERT VANDONGEN, ANNE TUNNEY, ANNE BARDEN, and DENIS MAHONEY

Aldosterone Binding Sites in Aortic Cell Cultures from Spontaneously Hypertensive Rats. 646  
NANCY R. NICHOLS, CHARLES E. HALL, and WALTER J. MEYER, III

Chronic Effects of ACTH and Cortisol Excess on Arterial Pressure in Normotensive and Hypertensive Dogs ........................................... 652  
THOMAS E. LOHMEIER, and PHILIP R. KASTNER

Methionine Enkephalinergic Neuronal Activity in Cerebral Nuclei of Spontaneously Hypertensive Rats .................................................. 662  
KEJI NAKAMURA, and TESTUO HAYASHI

The Role of Calcium in the Control of Renin Release ........................................... 670  
ALLEN J. NAPITALAN, and SUZANNE OPARIL

Effect of Colchicine on Drug-Induced Changes in Plasma Renin Concentration in Rats ..... 676  
VICKI STYGLES DONOSO, and MICHAEL D. BAILIE

Heparin Lowers the Blood Pressure in Hypertensive Rats ...................................... 681  
DINKO SUSIC, ANIL K. MANDAL, and DUSAN KENTERA

cont'd on next page