CONTENTS

Influence of Autoregulation and Capacitance on Diastolic Coronary Artery Pressure-Flow Relationships in the Dog. William P. Dole and Vernon S. Bishop ............................................ 261

Intracellular Potassium Activity in Rabbit Sinoatrial Node: Evaluation during Spontaneous Activity and Arrest. Augustus O. Grant and Harold C. Strauss .................................................. 271


Stimulation of Ca\(^{2+}\) Binding and ATPase Activity of Dog Cardiac Myofibrils by AR-L 115BS, a Novel Cardio- tonic Agent. R. John Solaro and J. Caspar Pfeigg ..................... 290

Quantitative-Changes in the Capillary Bed during Developing, Peak, and Stabilized Cardiac Hypertrophy in the Spontaneously Hypertensive Rat. Robert J. Tomanek, James C. Sears, and Peter A. Lachenbruch 295

Changes in Interstitial Volume and Masses of Albumin and IgG in Rabbit Skin and Skeletal Muscle after Saline Volume Loading. Richard J. Mullins and Donald R. Bell ........................................... 305

Angiotensin II Receptors on Human Platelets. Thomas J. Moore and Gordon H. Williams ......................... 314

Electrophysiology of the Normal-to-Hypoxic Transition Zone. Feliksas Bukauskas ..................................... 321


Active Modulation of Electrical Coupling between Cardiac Cells of the Dog: A Mechanism For Transient and Steady State Variations in Conduction Velocity. Madison S. Spach, J. Mailen Kootsey, and Joseph D. Sloan .......................................................... 347

Cellular Calcium Turnover in the Perfused Rat Heart: Modulation by Caffeine and Procaaine. Douglas R. Hunter, Robert A. Haworth, and Herbert A. Berkoff ....................................................... 363


Cardiovascular Reflex Modulation of Plasma Catecholamine Concentrations in the Anesthetized Cat. Cheryl M. Heesch and Vernon S. Bishop .......................................................... 391


News from the American Heart Association .......................................................... 404