
Content

Editors: Preface	7
Lacinová, L.: Interaction of L-type calcium channels with dihydropyridines	9
Chorvát, D., Jr., Mateašik, A.: Functional visualization of cardiovascular system	23
Babál, P.: Contribution of morphology to better understanding of cardiovascular experimental damage	39
Slezák, J., Buchwalow, I. B.: The role, expression and cellular control of nitric oxide synthase activity in rat cardiomyocytes	51
Bernátová, I.: Role of nitric oxide in remodelling of cardiac and aortic structure during chronic L-NAME treatment	65
Török, J.: Vascular nitric oxide and manifestation of its deficiency in conduit arteries	81
Bachárová, L.: The QRS amplitude to left ventricular mass ratio: a new parameter in evaluation of the left ventricular hypertrophy	97
Kyselovič, J.: Pharmacological intervention of cardiac hypertrophy induced by hypertension	115
Pecháňová, O.: Antioxidant treatment in experimental hypertension	129
Barančík, M., Strnísková M: Positive and negative survival functions of protein kinases in the cardiovascular system	147
Ravingerová, T.: Adaptive responses of the heart: a novel approach to myocardial protection against ischemic injury	159
Kristek, F., Cebová, M.: Long-term effect of exogenous NO donors on geometry of conduit arteries in NO-deficient and spontaneously hypertensive rats	175

Ziegelhöffer, A.: Endogenous protective mechanisms in the heart triggered by acute streptozotocin-diabetes	193
Okruhlicová, L., Tribulová, N.: Capillary structural abnormalities in the myocardium of diabetic and hypertensive rats	209
Tribulová, N., Knézl, V.: Myocardial gap junctions and cardiac arrhythmias ..	219