

TABLE OF CONTENTS

Volume 3, Number 4, November 2013

Expression and localization of prostaglandin receptors and stromal factors in human cervix—Variations in pregnant and non-pregnant states

C. S. Blesson, N. Roos, O. Stephansson, B. Masironi, S. Reinert, Y. V. Stjernholm, G. Ekman-Ordeberg, L. Sahlin.....147

Assessment of voluntary rhythmic muscle contraction-induced exercising blood flow variability measured by Doppler ultrasound

T. Osada, B. Saltin, G. Rådegran.....158

Morphine has latent deleterious effects on the ventilatory responses to a hypoxic challenge

W. J. May, R. B. Gruber, J. F. Discala, V. Puskovic, F. Henderson, L. A. Palmer, S. J. Lewis.....166

Endothelium derived relaxation factors reduce sulfur dioxide-induced aortic relaxation

O. A. M. Al-Habib, A. B. Q. Salihi.....181

The acid-base regulation by renal proximal tubule

S. Horita, O. Yamazaki, M. Nakamura, H. Yamada, M. Suzuki, G. Seki.....186

Erythrocyte shape transformation in physiological regulation of blood viscosity

L. N. Katiukhin.....194

Annexin v-binding and assisted reproduction technologies

F. Denaday.....199

Extremely low-volume, high-intensity interval training improves exercise capacity and increases mitochondrial protein content in human skeletal muscle

J. K. Ma, T. D. Scribbans, B. A. Edgett, J. C. Boyd, C. A. Simpson, J. P. Little, B. J. Gurd.....202

The figure on the front cover is from the article published in Open Journal of Molecular and Integrative Physiology, 2013, Vol. 3, No. 4, pp. 166-180 by Walter J. May, *et al.*