

TABLE OF CONTENTS

Volume 3, Number 1, February 2013

HMG CoA reductase inhibition by Simvastatin gets rat β-Myosin heavy chain disappeared: A statin paradox	1
L. Trapani, M. Segatto, A. Jozwiak, E. Swiezewska, V. Pallottini.....	
The role of histamine H4 receptors as a potential targets in allergic rhinitis and asthma	6
E. Hanuskova, J. Plevkova.....	
<i>In vivo</i> study of biomechanical properties in psoriasis vulgaris: Effectiveness of sulfur spa therapy	15
S. Mazzulla, V. Nicoletta, I. Perrotta, S. De Stefano, S. Sesti.....	
Analysis of pathomechanisms involved in side effects of menthol treatment in respiratory diseases	21
S. Gavliakova, T. Buday, V. M. Shethalli, J. Plevkova.....	
Effects of three controlled mechanical ventilation modes on rat lung hydrogen peroxide and apoptosis during hemorrhagic shock	27
A. R. Thimmesch, Q. H. Shen, R. L. Clancy, J. D. Pierce.....	
Short-term antioxidant diet prevents hyperfiltration in young male rat kidney subjected to ischemia/reperfusion injury	36
Y. Slyvka, F. V. Nowak, T. M. Hayes, S. R. Inman.....	
The effect of Panton Valentin Leukocidin (PVL) on the airway smooth muscle viability	42
R. Stamatiou, E. Petinaki, A. Hatziefthimiou.....	

The figure on the front cover is from the article published in Open Journal of Molecular and Integrative Physiology, 2013, Vol. 3, No. 1, pp. 15-20 by Sergio Maz- zulla, *et al.*