CONTENTS

1.	The artificial microRNA mediates <i>GUS-GFP</i> gene silencing using ath-miR169d precursor as backbone	1 – 7
	Chong Liu, Lan Zhang, Jie Sun, Yanzhong Luo, Mingbo Wang, Yunliu Fan, Lei Wang	
2.	Alkaline protease production by immobilized cells of <i>Bacillus pumilis</i> MTCC 2296 in various matrices	8 – 10
	Deepika Kumari, Neetu Sharma, Gulab Pandove, Varenyam Acha	
3.	AFLP analysis of genetic relationships and diversity of some Chinese Osmanthus fragrans cultivars	11 – 16
	Xueyan Yan, Baolin Xiao, Yuanji Han, Wangjun Yuan, Fude Shang	
4.	Development of core collection using morphological descriptors in Sweet osmanthus (Osmanthus fragrans Lour.) germplasm	17 – 22
	Wangjun Yuan, Jinsheng Lei, Yuanji Han, Xueyan Yan, Fude Shang	
5.	Enhancement of enzyme cytotoxicity mediated by HIV-1 TAT protein with Gly ₄ linker <i>in vitro</i> : a study with TAT-TK fusion construct	23 – 28
	Zhe Wang, Zujiang Yu, Quancheng Kan, Jie Zhao, Heqing Jiang, Xiaofei Li	
6.	Randomness-induced evolution of the first-order to the second-order phase transition in two-dimensional six-state potts model	29 – 32
	Chiachi Shih, Shingmin Hu, Muhsin Chen, Shuanyu Huang	
7.	Pulmonary functions and blood biochemical markers for workers with and without coal worker pneumoconiosis	33 – 39
	Qinghan Jin, Ailin Liu, Qinghai Li, Shaohua Xie, Enguang Wan, Shaohui Zhang, Yinfeng Tan, Xiaofeng Li, Hong Xie, Wenqing Lu	
8.	Study of the influence of environmental tobacco smoke to trachea and lung of the animal model	40 – 42
	Shuling Wang, Tianqi Wang, Shen Cherng	
9.	Clinical efficacy study of pelvic floor electrical stimulation for idiopathic detrusor overactivity and urodynamic stress incontinence	43 – 47
	Huifan Liu, Qingwei Wang, Yan Qi, Ruili Zhang, Shuqiang Zuo, Xiaojin Wang, Jinxing Wei, Jianguo Wen	

10.	Expression of androgen receptor mRNA affected by the functions of lung and trachea in animal model of Kunming mouse	48 – 50
	Shuling Wang, Xiufang Chen	
11.	Study of plasma levels of ApoA-I and ApoB for prognosis of acute ischemic stroke Zhuo Li, Yuming Xu, Song Tan, Bo Song, Ming Liu	51 – 56
12.	Somatic embryogenesis and <i>in vitro</i> regeneration of an endangered medicinal plant sarpgandha (Rauvolfia serpentina L.)	57 – 62
	Prabhat Singh, Anand Singh, Arvind K. Shukla, Lalit Singh, Veena Pande, Tapan K. Nailwal	
13.	Study of the risk factors of postoperative upper gastrointestinal bleeding of percutaneous coronary interventional therapy	63 – 64
	Zhenxiang Zhang, Wei Zheng, Junling Li	
14.	The effect of high frequency stimulation on intracellular Ca ²⁺ in sympathetic PC12 cells Yan Wo, Rong Xia, Feng Li, Wenlong Ding	65 – 70
15.	Study on phylogenetic relationship of freshwater planarians (Turbellaria: Tricladida: Paludicola) in nine Chinese localities using RAPD method	71 – 75
	Hecai Zhang, Guangwen Chen, Xiaojuan Sun, Cunshuan Xu	
16.	Therapeutic effect of L-carnitine on sialic acid, soluble Fas (sFas) and other biochemical variables in hyperinsulinemic rats	76 – 82
	Mohamed H. Mahfouz, Hala M. Ghanem, Mona A. Mohamed	
17.	Using technique of Video-Assistant Thoracic Surgery (VATS) and small incision for diagnosis and treatment of pleurapulmonary diseases under local anesthesia	83 – 87
	Yanzheng Song, Karni S. Moshal, M.J. Krasna	
18.	The design of home care assistant system by the ZigBee technology Chienyuan Liu	88 – 93
19.	Author index and subjects index	94

On the cover: The figures showed the histological changes of spinal cord injury at different time under light microscope. One to forty-eight hours after injury, the hematoma, contusion and subarachnoid hemorrhage (A - C), edema and infiltrated inflammatory cell (E, F) appeared. Four weeks later, scarcicatricial constriction and cavitas formed at the injury site (G, H, asterisk). Multiple contusion could be seen in the gray matter of cephal and caudal end of force spot along the axis of ordinates (I, arrow) and small hemorrhagic lesion (D, arrow). See *Establishment of an acute ventral closed spinal cord injury model* by Hu Wei *et al*, page 18 - 26 in this issue.