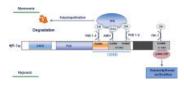
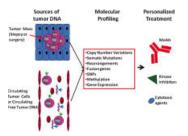
## CONTENTS Journal of Cellular Biochemistry

### **VOLUME 114 • NUMBER 3**

CONTENTS	i
FEATURES	v
PROSPECTS	
Role of the <i>Helicobacter pylori</i> -Induced Inflammatory Response in the Development of Gastric Cancer  Acacia Lamb and Lin-Feng Chen	491
Recent Agents Targeting HIF-1α for Cancer Therapy  Yaozhong Hu, Jing Liu, and He Huang	498
Conflict of Interests: Multiple Signal Peptides With Diverging Goals  Annunziata Venuto and Ario de Marco	510
Molecular Diagnostics and Personalized Medicine in Oncology: Challenges and Opportunities	
Nicola Normanno, Anna Maria Rachiglio, Cristin Roma, Francesca Fenizia, Claudia Esposito, Raffaella Pasquale, Maria Libera La Porta, Alessia Iannaccone, Filippo Micheli, Michele Santangelo, Francesca Bergantino, Susan Costantini, and	
Antonella De Luca	514
Role of Inflammatory Mechanisms in Pathogenesis of Type 2 Diabetes Mellitus Muhammad Sajid Hamid Akash, Kanwal Rehman, and Shuqing Chen	525
ARTICLES	
Reactive Oxygen Species-Induced Activation of ERK and p38 MAPK Mediates PMA-Induced NETs Release from Human Neutrophils Ravi S. Keshari, Anupam Verma, Manoj K. Barthwal, and Madhu Dikshit	532
Hepatitis C Virus Core Protein Stimulates Fibrogenesis in Hepatic Stellate Cells Involving the Obese Receptor Ching-Fen Wu, Yun-Lian Lin, and Yi-Tsau Huang	541
Annexin A1 Mediates the Anti-Adhesive Effects of the  Dexamethasone-Treated Promyelocytic Leukemic Cells  Wen-Hui Tsai, Shu-Lien Lai, I-Ting Li, Hong-Yu Chien, Chung-Hung Shih,  Yu Ru Kou, and Hui-Chi Hsu	551



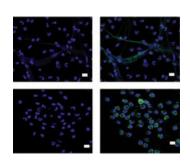
PAGE 500



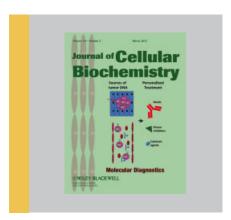
**PAGE 522** 



PAGE 526



PAGE 534



Cover: Schematic illustration of strategy for development of molecular diagnostics. See article by Normanno et al., on pages 514-524. Cover design by Priscilla Vazquez.

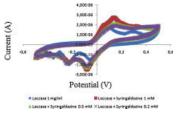


ACCEPTED MANUSCRIPT ONLINE 18 SEPTEMBER 2012

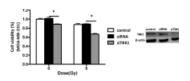
Cancer Cells

miR-200c Enhances Radiosensitivity of Human Breast

Jing Lin, Cong Liu, Fu Gao, R.E.J. Mitchel, Luqian Zhao, Yanyong Yang,



PAGE 604



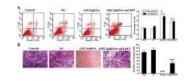
PAGE 612

ACCEPTED MANUSCRIPT ONLINE 18 SEPTEMBER 2012	
Characterization of Epstein-Barr Virus Reactivation in a Modeled	
Spaceflight System	
Alaina A. Brinley, Corey A. Theriot, Mayra Nelman-Gonzalez,	
Brian Crucian, Raymond P. Stowe, Alan D.T. Barrett, and	
Duane L. Pierson	616
Accepted manuscript online 18 September 2012	

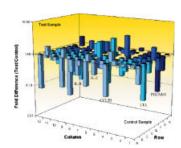
Knockdown of GPC3 Inhibits the Proliferation of Huh7 Hepatocellular Carcinoma Cells Through Down-Regulation of YAP Hui-Lai Miao, Zhi-Jian Pan, Chang-Jiang Lei, Ji-Yu Wen, Ming-Yi Li, Zhong-Kao Liu, Zhi-Dong Qiu, Man-Zhou Lin, Nian-Ping Chen, and Ming Chen	
Dexamethasone Prevents Monocyte-Induced Tubular Epithelial- Mesenchymal Transition in HK-2 Cells Qing Li, Lin-Li Lv, Min Wu, Xiao-Liang Zhang, Bi-Cheng Liu, and Hong Liu	
Altered Expression and Localization of Insulin Receptor in Proximal Tubule Cells From Human and Rat Diabetic Kidney  Rodrigo Gatica, Romina Bertinat, Pamela Silva, Daniel Carpio,  María José Ramírez, Juan Carlos Slebe, Rody San Martín, Francisco Nualart,  Jose María Campistol, Carme Caelles, and Alejandro J. Yáñez	
uPA and MMP-2 were Involved in Self-Assembled Network Formation in a Two Dimensional Co-Culture Model of Bone Marrow Stromal Cells and Endothelial Cells Haiyan Li, Richard Daculsi, Reine Bareille, Chantal Bourget, and Joële Amedee 650 Accepted Manuscript online 11 October 2012	
Suppression of Mammalian Bone Growth by Membrane Transport Inhibitors  Mohamad Y. Loqman, Peter G. Bush, Colin Farquharson, and Andrew C. Hall 658  Accepted Manuscript online 11 October 2012	
Cyclooxygenase-2 Over-Expression Inhibits Liver Apoptosis Induced by Hyperglycemia  Daniel E.A. Francés, Paola I. Ingaramo, Rafael Mayoral, Paqui Través,  Marta Casado, Ángela M. Valverde, Paloma Martín-Sanz, and  Cristina E. Carnovale	
Regulation of Immediate-Early Gene Transcription Following	

ACCEPTED MANUSCRIPT ONLINE 11 OCTOBER 2012

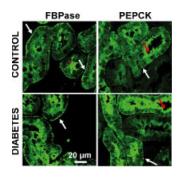




PAGE 629



PAGE 637



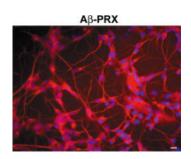
PAGE 642



PAGE 701

(continued on next page)

### **CONTENTS**



PAGE 712

# Crystal violet staining Normoxin Hypexiis TCP M(N) M(N) M(H) M(H)

PAGE 722

3,4-Dimethoxystilbene, a Resveratrol Derivative With Anti-Angiogenic Effect, Induces Both Macroautophagy and Apoptosis in Endothelial Cells  Lu Zhang, HongJuan Jing, LiuQing Cui, HuanQing Li, Bo Zhou, GuangZhou Zhou, and Fang Dai	697
Neuroprotective Effects of Prxl Over-Expression in an in vitro Human Alzheimer's Disease Model Annamaria Cimini, Roberta Gentile, Francesco Angelucci, Elisabetta Benedetti, Giuseppina Pitari, Antonio Giordano, and Rodolfo Ippoliti	708
Autocrine Fibroblast Growth Factor 2-Mediated Interactions Between Human Mesenchymal Stem Cells and Extracellular Matrix Under Varying Oxygen Tension  Junho Kim and Teng Ma.  ACCEPTED MANUSCRIPT ONLINE 11 OCTOBER 2012	716
Activation and Function of Murine Cyclin T2A and Cyclin T2B During Skeletal Muscle Differentiation  Irene Marchesi, Valentina Nieddu, Valentina Caracciolo, Margherita Maioli, Leonardo Gaspa, Antonio Giordano, and Luigi Bagella	728

Accepted manuscript online 11 October 2012