

CONTENTS

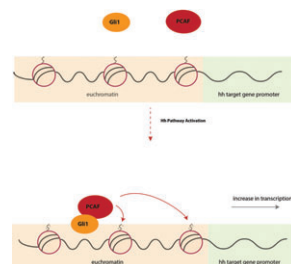
VOLUME 116 • NUMBER 3

CONTENTS	i-ii
EDITOR'S CHOICE	iii
FEATURES	iv-v

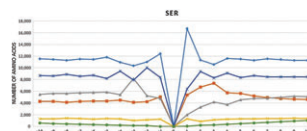
PROSPECTS

Epigenetic Pathways and Glioblastoma Treatment: Insights From Signaling Cascades

Bryce K. Allen, Vasileios Stathias, Marie E. Maloof, Dusica Vidovic, Emily F. Winterbottom, Anthony J. Capobianco, Jennifer Clarke, Stephan Schurer, David J. Robbins, and Nagi G. Ayad 351
ACCEPTED MANUSCRIPT ONLINE 7 OCTOBER 2014



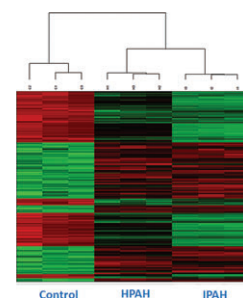
PAGE 354



PAGE 373

Prevention of Nephrotoxicity Induced by Cyclosporine-A: Role of Antioxidants

Sara Damiano, Roberto Ciarcia, Serena Montagnaro, Ugo Pagnini, Tiziana Garofano, Giovambattista Capasso, Salvatore Florio, and Antonio Giordano 364
ACCEPTED MANUSCRIPT ONLINE 22 NOVEMBER 2014

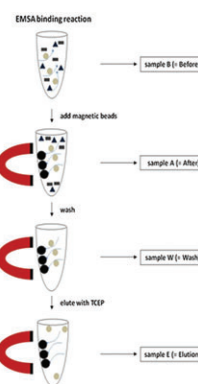


PAGE 390

ARTICLES

Exploring the Sequence Context of Phosphorylatable Amino Acids: The Contribution of the Upgraded MAPRes Tool

Zeeshan Iqbal, Daniel C. Hoessli, Wajahat M. Qazi, Munir Ahmad, Abdul Rauf Shakoori, and Nasir-ud-Din 370
ACCEPTED MANUSCRIPT ONLINE 25 SEPTEMBER 2014



PAGE 411

The 1,25D₃-MARRS Receptor/PDIA3/ERp57 and Lifespan

Ilka Nemere, Natalio Garbi, and Quinton Winger 380
ACCEPTED MANUSCRIPT ONLINE 6 OCTOBER 2014

DNA Microarray and Signal Transduction Analysis in Pulmonary Artery Smooth Muscle Cells From Heritable and Idiopathic Pulmonary Arterial Hypertension Subjects

Jun Yu, Jamie Wilson, Linda Taylor, and Peter Polgar 386
ACCEPTED MANUSCRIPT ONLINE 7 OCTOBER 2014

Induction of VEGF Expression by Alpha-Tocopherol and Alpha-Tocopheryl Phosphate via PI3K γ /PKB and hTAP1/SEC14L2-Mediated Lipid Exchange

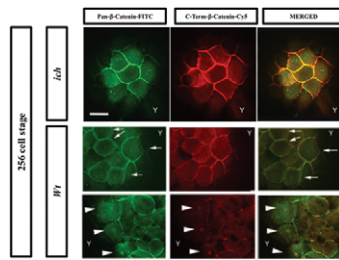
Jean-Marc Zingg, Angelo Azzi, and Mohsen Meydani 398
ACCEPTED MANUSCRIPT ONLINE 7 OCTOBER 2014



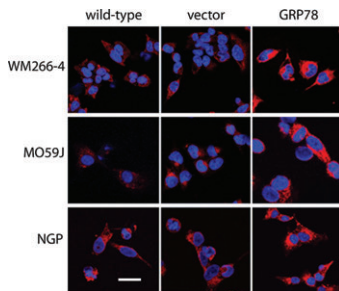
Cover: Co-localization of MBD4 with Mh1, UHRF1, and recruitment of USP7 at heterochromatic foci. See article by Meng et al. on pages 476-485.

(continued on next page)

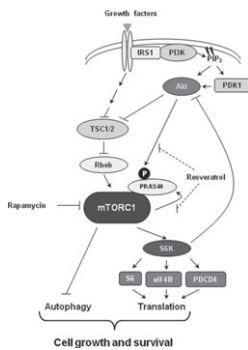
CONTENTS



PAGE 422

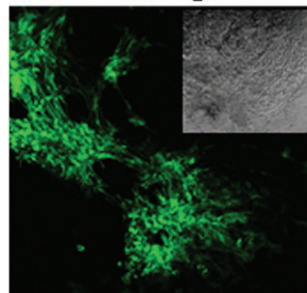


PAGE 444



PAGE 456

Beating EB



PAGE 469

A Novel Role of Annexin A2 in Human Type I Collagen Gene Expression

Georgia Schäfer, Jessica K. Hitchcock, Tamlyn M. Shaw, Arieh A. Katz, and M. Iqbal Parker

408

ACCEPTED MANUSCRIPT ONLINE 7 OCTOBER 2014

The Increase in Maternal Expression of *axin1* and *axin2* Contribute to the Zebrafish Mutant *Ichabod* Ventralized Phenotype

Fabio Valenti, Jessica Ibetti, Yuko Komiya, Melissa Baxter, Anna Maria Lucchese, Lauren Derstine, Claudia Covaciu, Valeria Rizzo, Renza Vento, Giuseppe Russo, Marcella Macaluso, Franco Cotelli, Daniele Castiglia, Cara J. Gottardi, Raymond Habas, Antonio Giordano, and Gianfranco Bellipanni

418

ACCEPTED MANUSCRIPT ONLINE 21 OCTOBER 2014

Early Gene Expression in Salivary Gland After Isoproterenol Treatment

Yi Zhou, Hung-I H. Chen, AL Lin, H. Dang, Karin Haack, Shelley A. Cole, Yufei Huang, Haiyang Yu, Yidong Chen, and Chih-Ko Yeh

431

ACCEPTED MANUSCRIPT ONLINE 21 OCTOBER 2014

Cell-Type Variation in Stress Responses as a Consequence of Manipulating GRP78 Expression in Neuroectodermal Cells

Shaun Martin, Penny E. Lovat, and Chris P.F. Redfern

438

ACCEPTED MANUSCRIPT ONLINE 21 OCTOBER 2014

The Combination of Rapamycin and Resveratrol Blocks Autophagy and Induces Apoptosis in Breast Cancer Cells

Anya Alayev, Sara Malka Berger, Melissa Y. Kramer, Naomi S. Schwartz, and Marina K. Holz

450

ACCEPTED MANUSCRIPT ONLINE 21 OCTOBER 2014

MicroRNA Profile of Tumorigenic Cells During Carcinogenesis of Lung Adenocarcinoma

Zhen-guo Zhao, Jun-yu Jin, An-mei Zhang, Lu-ping Zhang, Xin-xin Wang, Jian-guo Sun, and Zheng-tang Chen.

458

ACCEPTED MANUSCRIPT ONLINE 30 OCTOBER 2015

EphB4 Forward-Signaling Regulates Cardiac Progenitor Development in Mouse ES Cells

Kang Chen, Hao Bai, Yanfeng Liu, Dixie L. Hoyle, Wei-Feng Shen, Li-Qun Wu, and Zack Z. Wang

467

ACCEPTED MANUSCRIPT ONLINE 30 OCTOBER 2015

MBD4 Interacts With and Recruits USP7 to Heterochromatic Foci

Huan Meng, David J. Harrison, and Richard R. Meehan

476

ACCEPTED MANUSCRIPT ONLINE 30 OCTOBER 2015