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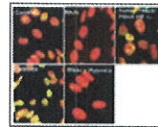
## Selections - October 2015



### American Journal of Physiology - Cell Physiology

miR-223 reverses experimental pulmonary arterial hypertension

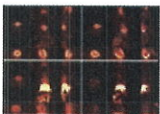
Jolyane Meloche, Marie Le Guen, François Potus, Jérôme Vinck, Benoit Ranchoux, Ian Johnson, Fabrice Antigny, Eve Tremblay, Sandra Breuils-Bonnet, Frederic Perros, Steeve Provencher, Sébastien Bonnet



### American Journal of Physiology - Heart and Circulatory Physiology

Cardioprotective HIF-1α-frataxin signaling against ischemia-reperfusion injury

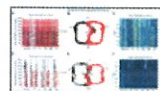
Gayani Nanayakkara, Abdullah Alasmari, Shrivanthi Mouli, Haitham Eldoumani, John Quindry, Graham McGinnis, Xiaoyu Fu, Avery Berlin, Bridget Peters, Juming Zhong, Rajesh Amin



### American Journal of Physiology - Lung Cellular and Molecular Physiology

Severe pulmonary hypertension is associated with altered right ventricle metabolic substrate uptake

Brian B. Graham, Rahul Kumar, Claudia Mickael, Linda Sanders, Liya Gebreab, Kendra M. Huber, Mario Perez, Peter Smith-Jones, Natalie J. Serkova, Rubin M. Tudor



### Journal of Neurophysiology

Hippocampus and subregions of the dorsal striatum respond differently to a behavioral strategy change on a spatial navigation task

Paul S. Regier, Seiichiro Amemiya, A. David Redish



## Physiological Genomics

MicroRNA network changes in the brain stem underlie the development of hypertension

Danielle DeCicco, Haisun Zhu, Anthony Brureau,  
James S. Schwaber, Rajanikanth Vadigepalli



## American Journal of Physiology - Regulatory, Integrative and Comparative Physiology

Enhanced insulin signaling in human skeletal muscle and adipose tissue following gastric bypass surgery

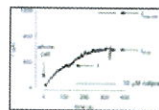
Peter H. Albers, Kirstine N. Bojsen-Møller, Carsten Dirksen, Annette K. Serup, Dorte E. Kristensen, Jan Frystyk, Trine R. Clausen, Bente Kiens, Erik A. Richter, Sten Madsbad, Jørgen F. P. Wojtaszewski



## American Journal of Physiology - Gastrointestinal and Liver Physiology

Suppression of fibrogenic signaling in hepatic stellate cells by Twist1-dependent microRNA-214 expression: Role of exosomes in horizontal transfer of Twist1

Li Chen, Ruju Chen, Sherri Kemper, Alyssa Charrier,  
David R. Brigstock



## American Journal of Physiology - Cell Physiology

Estimating the magnitude of near-membrane PDE4 activity in living cells

Wenkuan Xin, Wei P. Feinstein, Andrea L. Britain, Cristhian D. Ochoa, Bing Zhu, Wito Richter, Silas J. Leavesley, Thomas C. Rich