

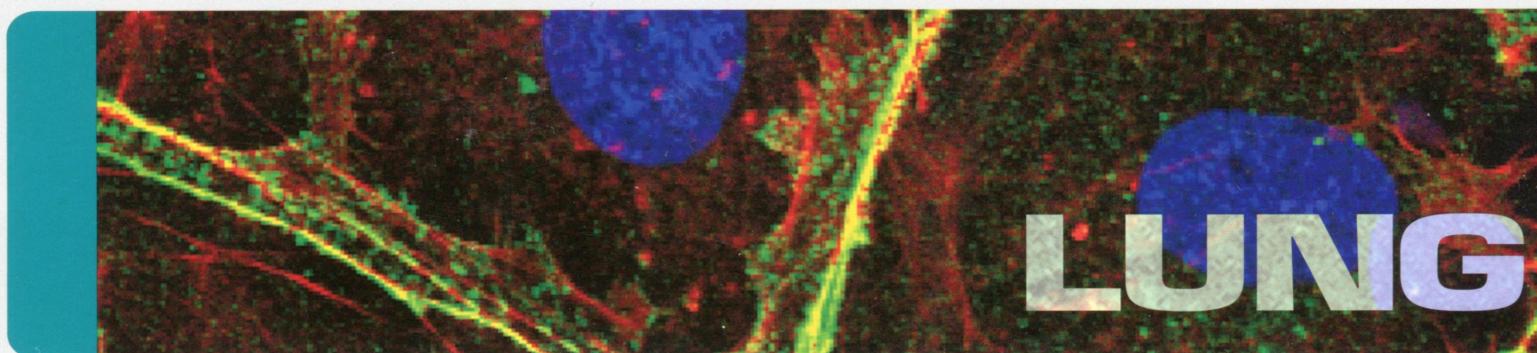
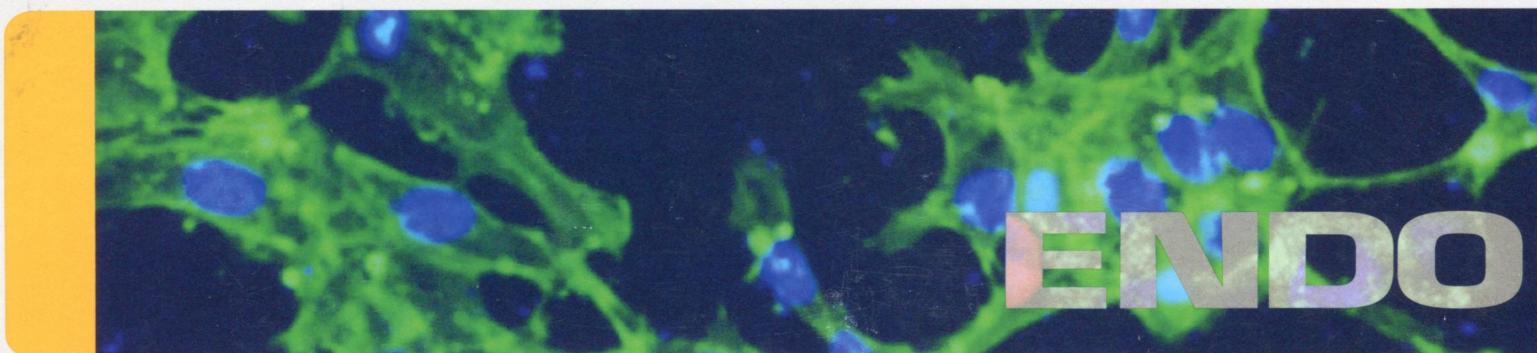
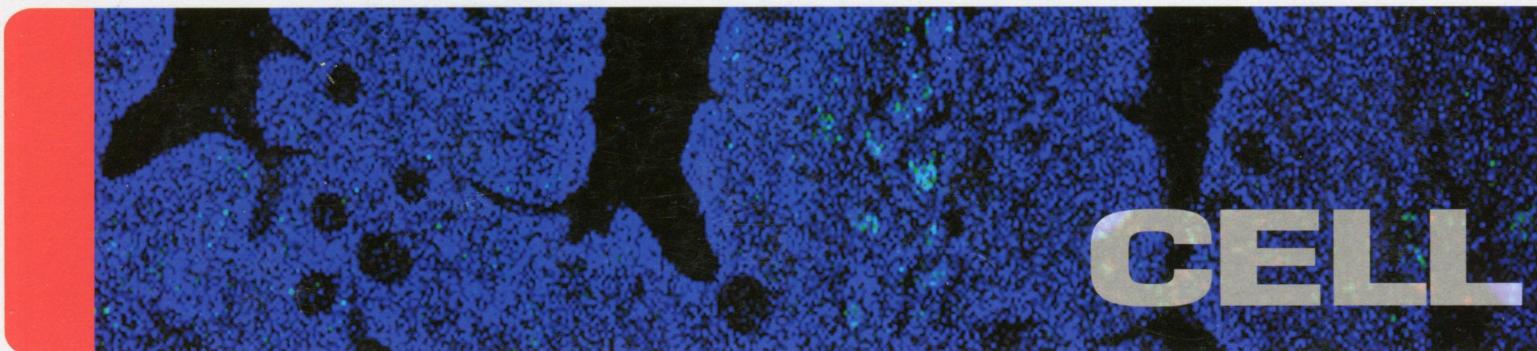
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American Journal of Physiology- Cell Physiology

May 1, 2014

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HUGH DAVSON DISTINGUISHED LECTURESHIP OF THE CELL AND MOLECULAR PHYSIOLOGY SECTION, 2013

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J. Uno and K. L. W. Walton

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MyD88 adaptor-like (Mal) regulates intestinal homeostasis and colitis-associated colorectal cancer in mice

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Animals Models of Gastrointestinal and Liver Diseases. Animal models of alcohol-induced liver disease: pathophysiology, translational relevance, and challenges

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Luminal ATP: the missing link between intestinal alkaline phosphatase, the gut microbiota, and inflammation?

J.-P. Lallès

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Intestinal alkaline phosphatase promotes gut bacterial growth by reducing the concentration of luminal nucleotide triphosphates

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Disruption of retinoblastoma protein expression in the intestinal epithelium impairs lipid absorption

P. M. Choi, J. Guo, C. R. Erwin, W. S. Wandu, J. A. Leinicke, Y. Xie, N. O. Davidson, and B. W. Warner

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Substance P is essential for maintaining gut muscle contractility: a novel role for conneurotransmission revealed by botulinum toxin

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Fibroblast growth factor 15 deficiency impairs liver regeneration in mice

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Role of intracellular calcium and NADPH oxidase NOX5-S in acid-induced DNA damage in Barrett's cells and Barrett's esophageal adenocarcinoma cells

D. Li and W. Cao

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American Journal of Physiology- Lung Cellular and Molecular Physiology

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CALL FOR PAPERS Translational Research in Acute Lung Injury and Pulmonary Fibrosis

Clinical grade allogeneic human mesenchymal stem cells restore alveolar fluid clearance in human lungs rejected for transplantation

D. F. McAuley, G. F. Curley, U. I. Hamid, J. G. Laffey, J. Abbott, D. H. McKenna,
X. Fang, M. A. Matthay, and J. W. Lee

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SIRT1 protects against cigarette smoke-induced lung oxidative stress via a FOXO3-dependent mechanism

H. Yao, I. K. Sundar, T. Ahmad, C. Lerner, J. Gerloff, A. E. Friedman, R. P. Phipps,
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Cigarette smoke-induced mitochondrial fragmentation and dysfunction in human airway smooth muscle

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Human airway epithelia express catalytically active NEU3 sialidase

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CALL FOR PAPERS Real-time Visualization of Lung Function: from Micro to Macro

Preclinical anatomical, molecular, and functional imaging of the lung with multiple modalities (**Review**)

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The *Pseudomonas aeruginosa* exoenzyme Y impairs endothelial cell proliferation and vascular repair following lung injury

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Role of MARCKS in regulated secretion from mast cells and airway goblet cells

B. J. Haddock, Y. Zhu, S. P. Doyle, L. H. Abdullah, and C. W. Davis

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A. Banga, S. Flraig, S. Lewis, S. Winfree, and B. L. Blazer-Yost

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