On the Cover: Merged double label immunofluorescence of the olfactory region of the nose demonstrating that SQSTM1 (red) is principally localized between olfactory neurons that contain OMP (green). Rare cells expressed both SQSTM1 and OMP and were orange, consistent with neurons containing SQSTM1. (See page 2887.)

2771 This Month in AJP

Reviews

2772 Future Perspectives on Pathogenesis of Lupus Nephritis: Facts, Problems, and Potential Causal Therapy Modalities
Ole P. Rekvig, Dhiyva Thiyagarajan, Hege L. Pedersen, Kjersti D. Horvei, and Natalya Seredkina

2783 Electrical Stimulation as a Means for Improving Vision
Amer Sefic, Shuai Guo, Kin-Sang Cho, Rima M. Corraya, Dong F. Chen, and Tor P. Utheim

Short Communications

2798 Dynamin-Related Protein 1 Deficiency Leads to Receptor-Interacting Protein Kinase 3—Mediated Necroptotic Neurodegeneration
Tatsuya Yamada, Yoshihiro Adachi, Masahiro Fukaya, Miho Iijima, and Hiromi Sesaki

2803 Inflammation and Lymphedema Are Exacerbated and Prolonged by Neuropilin 2 Deficiency
Patrick Mucka, Nicholas Levonyak, Elena Geretti, Bernadette M.M. Zwaans, Xiaoran Li, Irit Adini, Michael Klagsbrun, Rosalyn M. Adam, and Diane R. Bielenberg

2813 Death Receptor 3 Promotes Chemokine-Directed Leukocyte Recruitment in Acute Resolving Inflammation and Is Essential for Pathological Development of Mesothelial Fibrosis in Chronic Disease

2824 Fibromodulin Is Essential for Fetal-Type Scarless Cutaneous Wound Healing
Zhong Zheng, Xindi Zhang, Catherine Dong, Steven Beanes, Grace X. Chang, Yao Chen, Chen-Shuang Li, Kevin S. Lee, Kang Ting, and Chia Soo

Regular Articles

Cardiovascular, Pulmonary, and Renal Pathology

2833 Heme Oxygenase 1 Up-Regulates Glomerular Decay Accelerating Factor Expression and Minimizes Complement Deposition and Injury
Maria G. Detsika, Pu Duann, Vassilios Atsaves, Apostolos Papalois, and Elias A. Lianos

2846 C-C Motif Chemokine 5 Attenuates Angiotensin II—Dependent Kidney Injury by Limiting Renal Macrophage Infiltration
Nathan P. Rudemiller, Mehul B. Patel, Jian-dong Zhang, Alexander D. Jeffs, Norah S. Karlovich, Robert Griffiths, Matthew J. Kan, Anne F. Buckley, Michael D. Gunn, and Steven D. Crowley
Formaldehyde Is a Potent Proteotoxic Stressor Causing Rapid Heat Shock Transcription Factor 1 Activation and Lys48-Linked Polyubiquitination of Proteins
Sara Ortega-Atienza, Blazej Rubis, Caitlin McCarthy, and Anatoly Zhitkovich

Prolonged Repetitive Head Trauma Induces a Singular Chronic Traumatic Encephalopathy—Like Pathology in White Matter Despite Transient Behavioral Abnormalities
Denise I. Briggs, Mariana Angoa-Pérez, and Donald M. Kuhn

Accumulation of Ubiquitin and Sequestosome-1 Implicate Protein Damage in Diacetyl-Induced Cytotoxicity

REV-ERBα Activates C/EBP Homologous Protein to Control Small Heterodimer Partner—Mediated Oscillation of Alcoholic Fatty Liver
Zhihong Yang, Hiroyuki Tsuchiya, Yuxia Zhang, Sangmin Lee, Chune Liu, Yi Huang, Gymar M. Vargas, and Li Wang

Fibrogenic Signaling Is Suppressed in Hepatic Stellate Cells through Targeting of Connective Tissue Growth Factor (CCN2) by Cellular or Exosomal MicroRNA-199a-5p
Li Chen, Ruju Chen, Victoria M. Velazquez, and David R. Brigstock

Hes1 Controls Exocrine Cell Plasticity and Restricts Development of Pancreatic Ductal Adenocarcinoma in a Mouse Model

Cellular Prion Protein Mediates Pancreatic Cancer Cell Survival and Invasion through Association with and Enhanced Signaling of Notch1
Yiwei Wang, Shuilang Yu, Dan Huang, Min Cui, Huankai Hu, Lihua Zhang, Weihuan Wang, Neetha Parameswaran, Mark Jackson, Barbara Osborne, Barbara Bedogni, Chaoyang Li, Man-Sun Sy, Wei Xin, and Lan Zhou

Endothelin-1 Treatment Induces an Experimental Cerebral Malaria—Like Syndrome in C57BL/6 Mice Infected with Plasmodium berghei NK65
Yuri C. Martins, Brandi D. Freeman, Oscar B. Akide Ndunge, Louis M. Weiss, Herbert B. Tanowitz, and Mahalia S. Desruisseaux

Persistent Cytomegalovirus Infection in Amniotic Membranes of the Human Placenta
Takako Tabata, Matthew Pettit, June Fang-Hoover, Martin Zydek, and Lenore Pereira

Discoidin Domain Receptor 2 as a Potential Therapeutic Target for Development of Disease-Modifying Osteoarthritis Drugs
Lauren B. Manning, Yefu Li, Nithya S. Chickmagalur, Xiaolong Li, and Lin Xu
Tumorigenesis and Neoplastic Progression

3011 Role of Integrins α1β1 and α2β1 in Wound and Tumor Angiogenesis in Mice
Sushmita Ghatak, Stephan Niland, Jan-Niklas Schulz, Fang Wang, Johannes A. Eble, Michael Leitges, Cornelia Mauch, Thomas Krieg, Paola Zigrino, and Beate Eckes

3028 CXCL1—Chemokine (C-X-C Motif) Receptor 2 Signaling Stimulates the Recruitment of Bone Marrow—Derived Mesenchymal Cells into Diffuse-Type Gastric Cancer Stroma
Hiroaki Kasashima, Masakazu Yashiro, Hirohisa Nakamae, Kisyu Kitayama, Go Masuda, Haruhito Kinoshita, Tatsunari Fukuoka, Tsuyoshi Hasegawa, Takahiko Nakane, Masayuki Hino, Kosei Hirakawa, and Masaichi Ohira

3040 Neuropeptide Y as a Biomarker and Therapeutic Target for Neuroblastoma
Susana Galli, Arlene Naranjo, Collin Van Ryn, Jason U. Tilan, Emily Trinh, Chao Yang, Jessica Tsuei, Sung-Hyeok Hong, Hongkun Wang, Ewa Izycka-Swieszewska, Yi-Chien Lee, Olga C. Rodriguez, Chris Albanese, and Joanna Kitlinska

3054 Adipocyte-Lineage Cells Support Growth and Dissemination of Multiple Myeloma in Bone
Timothy N. Trotter, Justin T. Gibson, Tshering Lama Sherpa, Pramod S. Gowda, Deniz Peker, and Yang Yang