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**On the Cover:** During nephrogenesis, FoxD1-positive mesenchymal cells give rise to adult CD73<sup>+</sup>, PDGFRβ<sup>+</sup>, SMA<sup>-</sup> interstitial pericytes, and these FoxD1-derivative interstitial cells expand and differentiate into SMA<sup>+</sup> myofibroblasts during fibrosis. This process was examined using unilateral ureteral obstruction in Six2-GC+;Z/Red mice, which exhibit severe tubule injury fibrosis and disruption of basement membranes. Shown is immunodetection of laminin (red) and lotus lectin binding (green) to detect proximal tubules in healthy kidney of untreated mice. Image courtesy of Dr. Bing Li, Brigham & Women's Hospital and Harvard Medical School. (See page 85; supplemental data.)

## 1 This Month in *AJP*

### Rous-Whipple Award Lecture

- 2 Liver Regeneration after Partial Hepatectomy: Critical Analysis of Mechanistic Dilemmas  
*George K. Michalopoulos*



### Mini-Review

- 14 The Role of Liver Sinusoidal Cells in Hepatocyte-Directed Gene Transfer  
*Frank Jacobs, Eddie Wisse, and Bart De Geest*

### Commentaries

- 22 The Origin of Renal Fibroblasts and Progression of Kidney Disease  
*H. Terence Cook*

★ Related article appears on page 85

- 25 Endometrial Cells Get Side-Tracked: Side Population Cells Promote Epithelial-Mesenchymal Transition in Endometrial Carcinoma

*Martin Götte*

★ Related article appears on page 381

### Short Communications

- 29 Making Fast-Twitch Dystrophic Muscles Bigger Protects Them from Contraction Injury and Attenuates the Dystrophic Pathology

*Stefan M. Gehrig, René Koopman, Timur Naim, Clarissa Tjoakarfa, and Gordon S. Lynch*

- 34 MYC High Level Gene Amplification Is a Distinctive Feature of Angiosarcomas after Irradiation or Chronic Lymphedema

*Johanna Manner, Bernhard Radlwimmer, Peter Hohenberger, Katharina Mössinger, Stefan Küffer, Christian Sauer, Djeda Belbarazem, Andreas Zettl, Jean-Michel Coindre, Christian Hallermann, Jörg Thomas Hartmann, Detlef Katenkamp, Kathrin Katenkamp, Patrick Schöffski, Raf Sciot, Agnieszka Wozniak, Peter Lichter, Alexander Marx, and Philipp Ströbel*

### Regular Articles

#### *Cardiovascular, Pulmonary and Renal Pathology*

- 40 The Absence of Interleukin-6 Enhanced Arsenite-Induced Renal Injury by Promoting Autophagy of Tubular Epithelial Cells with Aberrant Extracellular Signal-Regulated Kinase Activation

*Akibiko Kimura, Yuko Ishida, Takashi Wada, Tomoko Hisaoka, Yoshitiro Morikawa, Takeshi Sugaya, Naofumi Mukaida, and Toshibazu Kondo*

- 51 Inducible Nephhrin Transgene Expression in Podocytes Rescues Nephhrin-Deficient Mice from Perinatal Death  
*Juuso Jubila, Markus Lassila, Ramon Roozendaal, Eero Lehtonen, Marcel Messing, Brigitte Langer, Donscho Kerjaschki, J. Sjeef Verbeek, and Harry Holtbofer*
- Cell Injury, Repair, Aging and Apoptosis
- 64 Tissue Inhibitor of Metalloproteinases 3 Regulates Resolution of Inflammation following Acute Lung Injury  
*Sean E. Gill, Isham Huizar, Eli M. Bench, Samuel W. Sussman, Ying Wang, Rama Khokha, and William C. Parks*
- 74 Endogenous LXA<sub>4</sub> Circuits Are Determinants of Pathological Angiogenesis in Response to Chronic Injury  
*Alexander J. Leedom, Aaron B. Sullivan, Baiyan Dong, Denise Lau, and Karsten Gronert*
- Epithelial and Mesenchymal Cell Biology
- 85 Fate Tracing Reveals the Pericyte and Not Epithelial Origin of Myofibroblasts in Kidney Fibrosis  
*Benjamin D. Humphreys, Shuei-Liong Lin, Akio Kobayashi, Thomas E. Hudson, Brian T. Nowlin, Joseph V. Bonventre, Michael Todd Valerius, Andrew P. McMahon, and Jeremy S. Duffield*
- ★ Related Commentary appears on page 22
- 98 Dermal Transforming Growth Factor- $\beta$  Responsiveness Mediates Wound Contraction and Epithelial Closure  
*Magaly Martinez-Ferrer, Ali-Reza Afshar-Sherif, Consolate Uwamariya, Benoit de Crombrugge, Jeffrey M. Davidson, and Neil A. Bhowmick*
- 108 Small Cytoskeleton-Associated Molecule, Fibroblast Growth Factor Receptor 1 Oncogene Partner 2/ Wound Inducible Transcript-3.0 (FGFR1OP2/wit3.0), Facilitates Fibroblast-Driven Wound Closure  
*Audrey Lin, Akishige Hokugo, Jae Choi, and Ichiro Nishimura*
- 122 Epidermal Smad4 Deletion Results in Aberrant Wound Healing  
*Philip Owens, Erin Engelking, Gangwen Han, Sarah M. Haeger, and Xiao-Jing Wang*
- 134 Tumor Suppressor Scribble Regulates Assembly of Tight Junctions in the Intestinal Epithelium  
*Andrei I. Ivanov, Cheryl Young, Kyle Den Beste, Christopher T. Capaldo, Patrick O. Humbert, Patrick Brennwald, Charles A. Parkos, and Asma Nusrat*
- Gastrointestinal, Hepatobiliary and Pancreatic Pathology
- 146 Enoxaparin Improves the Course of Dextran Sodium Sulfate-Induced Colitis in Syndecan-1-Deficient Mice  
*Martin Floer, Martin Götte, Martin K. Wild, Jan Heidemann, Ezeddin Salem Gassar, Wolfram Domschke, Ludwig Kiesel, Andreas Luegering, and Torsten Kucharzik*
- 158 Epithelial NF- $\kappa$ B Enhances Transmucosal Fluid Movement by Altering Tight Junction Protein Composition after T Cell Activation  
*Yueming Tang, Daniel R. Clayburgh, Navdha Mittal, Tatiana Goretsky, Ramanarao Dirisina, Zhen Zhan, Michelle Kron, David Ivancic, Rebecca B. Katzman, Gery Grimm, Goo Lee, Jonathan Fryer, Asma Nusrat, Jerrold R. Turner, and Terrence A. Barrett*
- 168 Pigment Epithelium-Derived Factor Inhibits Lysosomal Degradation of Bcl-xL and Apoptosis in HepG2 cells  
*Takumi Kawaguchi, Sho-ichi Yamagishi, Minoru Itou, Koji Okuda, Shuji Sumie, Ryoko Kuromatsu, Masabiro Sakata, Mitsubiko Abe, Eitaro Taniguchi, Hironori Koga, Masaru Harada, Takato Ueno, and Michio Sata*
- 177 Tissue Factor-Deficiency and Protease Activated Receptor-1-Deficiency Reduce Inflammation Elicited by Diet-Induced Steatohepatitis in Mice  
*James P. Luyendyk, Bradley P. Sullivan, Grace L. Guo, and Ruyipeng Wang*
- Immunopathology and Infectious Diseases
- 187 Involvement of L-Selectin in Contact Hypersensitivity Responses Augmented by Auditory Stress  
*Sang Jae Bae, Kazubiro Shimizu, Mariko Yozaki, Toshifumi Yamaoka, Yuichiro Akiyama, Ayumi Yoshizaki, Eiji Muroi, Toshibide Hara, Fumibide Ogawa, and Shinichi Sato*
- 198 Initiation of Acquired Immunity in the Lungs of Mice Lacking Lymph Nodes after Infection with Aerosolized *Mycobacterium tuberculosis*  
*Suely S. Kashino, Therese Vallerskog, Gregory Martens, JoLynn Troudt, Andrew Keyser, Jenny Taylor, Angelo Izzo, Hardy Kornfeld, and Antonio Campos-Neto*



- 205 Plasmeprin 4-Deficient *Plasmodium berghei* Are Virulence Attenuated and Induce Protective Immunity against Experimental Malaria  
*Roberta Spaccapelo, Chris J. Janse, Sara Caterbi, Blandine Franke-Fayard, J. Alfredo Bonilla, Luke M. Syphard, Manlio Di Cristina, Tania Dottorini, Andrea Savarino, Antonio Cassone, Francesco Bistoni, Andrew P. Waters, John B. Dame, and Andrea Crisanti*
- 218 CD11c<sup>+</sup> Cells Are Required to Prevent Progression from Local Acute Lung Injury to Multiple Organ Failure and Death  
*Jami E. Milam, John R. Erb-Downward, Gwo-Hsiao Chen, Marcin F. Osuchowski, Roderick McDonald, Stephen W. Chensue, Galen B. Toews, Gary B. Huffnagle, and Michal A. Olszewski*
- 227 Dendritic Cells Express Hematopoietic Prostaglandin D Synthase and Function as a Source of Prostaglandin D2 in the Skin  
*Chioko Shimura, Takahiro Satoh, Ken Igawa, Kosuke Aritake, Yoshihiro Urade, Masataka Nakamura, and Hiroo Yokozeki*
- 238  $\alpha$ 2-Antiplasmin Is Associated with the Progression of Fibrosis  
*Yosuke Kanno, Eri Kawashita, Misato Minamida, Aki Kaneiwa, Kiyotaka Okada, Shigeru Ueshima, Osamu Matsuo, and Hiroyuki Matsuno*
- 246 Antigen-Specific Induction of Osteoporosis Contributes to the Chronification of Allergic Contact Dermatitis  
*Anne M. Seier, Andreas C. Renkl, Guido Schulz, Tanja Uebele, Anca Sindrilaru, Sebastian Iben, Lucy Liaw, Shigeyuki Kon, Toshimitsu Uede, and Johannes M. Weiss*
- 259 Platelets Control Leukocyte Recruitment in a Murine Model of Cutaneous Arthus Reaction  
*Toshibide Hara, Kazubiro Shimizu, Fumihide Ohtsuka, Koichi Yanaba, Yohei Iwata, Eiji Muroi, Motoo Takenaka, Kazubiro Komura, Minoru Hasegawa, Manabu Fujimoto, and Shinichi Sato*
- Metabolic, Endocrine and Genitourinary Pathobiology
- 270 Methyl Donor Deficiency Affects Fetal Programming of Gastric Ghrelin Cell Organization and Function in the Rat  
*Carine Bossenmeyer-Pourie, Sébastien Blaise, Grégory Pourie, Catherine Tomasetto, Sandra Audonnet, Sandrine Ortiou, Violette Koziel, Marie-Christine Rio, Jean-Luc Daval, Jean-Louis Guéant, and Bernard Beck*
- 278 Downstream Targets of Homeobox Gene *HLX* Show Altered Expression in Human Idiopathic Fetal Growth Restriction  
*Gayathri Rajaraman, Padma Murthi, Niroshani Pathirage, Shaun P. Brennecke, and Bill Kalonis*
- 288 MicroRNAs May Mediate the Down-Regulation of Neurokinin-1 Receptor in Chronic Bladder Pain Syndrome  
*Veronica Sanchez Freire, Fiona C. Burkhard, Thomas M. Kessler, Annette Kuhn, Annette Draeger, and Katia Monastyrskaya*
- 304 Mammalian Target of Rapamycin (mTOR) Induces Proliferation and De-Differentiation Responses to Three Coordinate Pathophysiologic Stimuli (Mechanical Strain, Hypoxia, and Extracellular Matrix Remodeling) in Rat Bladder Smooth Muscle  
*Karen J. Aitken, Cornelia Tolg, Trupti Panchal, Bruno Leslie, Jeffery Yu, Mohamed Elkelini, Nesrin Sabba, Derrick J. Tse, Armando J. Lorenzo, Magdy Hassouna, and Darius J. Bągli*
- Neurobiology
- 320 Conditional Deletion of Neuronal Cyclin-Dependent Kinase 5 in Developing Forebrain Results in Microglial Activation and Neurodegeneration  
*Satoru Takahashi, Toshio Ohshima, Motoyuki Hirasawa, Tej K. Pareek, Thomas H. Bugge, Alexei Morozov, Kenji Fujieda, Roscoe O. Brady, and Ashok B. Kulkarni*
- 330 Experimental Neonatal Status Epilepticus and the Development of Temporal Lobe Epilepsy with Unilateral Hippocampal Sclerosis  
*Mark Dunleavy, Sachiko Shinoda, Clara Schindler, Claire Ewart, Ross Dolan, Oliviero L. Gobbo, Christian M. Kerskens, and David C. Hensball*
- 343 Differential Effects of *Myocilin* and *Optineurin*, Two Glaucoma Genes, on Neurite Outgrowth  
*Takahisa Koga, Xiang Shen, Jeong-Seok Park, Ye Qiu, Bum-Chan Park, Rajalekshmy Shyam, and Beatrice Y.J.T. Yue*
- 353 Age-Related Vascular Pathology in Transgenic Mice Expressing Presenilin 1-Associated Familial Alzheimer's Disease Mutations  
*Miguel A. Gama Sosa, Rita De Gasperi, Anne B. Rocher, Athena Ching-Jung Wang, William G.M. Janssen, Tony Flores, Gissel M. Perez, James Schmeidler, Dara L. Dickstein, Patrick R. Hof, and Gregory A. Elder*



Stem Cells, Tissue Engineering and Hematopoietic Elements

- 369 Cellular Plasticity of Inflammatory Myeloid Cells in the Peritoneal Foreign Body Response  
*Jane E. Mooney, Barbara E. Rolfe, Geoffrey W. Osborne, David P. Sester, Nico van Rooijen, Gordon R. Campbell, David A. Hume, and Julie H. Campbell*
- 381 Endometrial Cancer Side-Population Cells Show Prominent Migration and Have a Potential to Differentiate into the Mesenchymal Cell Lineage  
*Kiyoko Kato, Tomoka Takao, Ayumi Kuboyama, Yoshihiro Tanaka, Tatsubiro Ohgami, Shinichiro Yamaguchi, Sawako Adachi, Tomoko Yoneda, Yousuke Ueoka, Keiji Kato, Shinichi Hayashi, Kazuo Asanoma, and Norio Wake*
- ★ Related Commentary appears on page 25

Tumorigenesis and Neoplastic Progression

- 393 Cytoprotective Mitochondrial Chaperone TRAP-1 As a Novel Molecular Target in Localized and Metastatic Prostate Cancer  
*Irwin Leav, Janet Plescia, Hira Lal Goel, Jing Li, Zhong Jiang, Ronald J. Cohen, Lucia R. Languino, and Dario C. Altieri*
- 402 Multi-Step Aberrant CpG Island Hyper-Methylation Is Associated with the Progression of Adult T-Cell Leukemia/Lymphoma  
*Hiaki Sato, Takashi Oka, Yoko Shinnou, Takami Kondo, Kana Washio, Masayuki Takano, Katsuyoshi Takata, Toshiaki Morito, Xingang Huang, Maiko Tamura, Yuta Kitamura, Nobuya Obara, Mamoru Ouchida, Koichi Ohshima, Kenji Shimizu, Mitsune Tanimoto, Kiyoshi Takahashi, Masao Matsuoka, Atae Utsunomiya, and Tadasbi Yoshino*
- 416 Mice Lacking Dystrophin or  $\alpha$  Sarcoglycan Spontaneously Develop Embryonal Rhabdomyosarcoma with Cancer-Associated p53 Mutations and Alternatively Spliced or Mutant Mdm2 Transcripts  
*Karen Fernandez, Yelda Serinagaoglu, Sue Hammond, Laura T. Martin, and Paul T. Martin*
- 435 Interleukin-11 in Endometrial Adenocarcinoma Is Regulated by Prostaglandin  $F_{2\alpha}$ -F-Prostanoid Receptor Interaction via the Calcium-Calcineurin-Nuclear Factor of Activated T Cells Pathway and Negatively Regulated by the Regulator of Calcineurin-1  
*Kurt J. Sales, Vivien Grant, Ian H. Cook, David Maldonado-Pérez, Richard A. Anderson, Alistair R.W. Williams, and Henry N. Jabbour*
- 446 CrkII Transgene Induces Atypical Mammary Gland Development and Tumorigenesis  
*Kelly E. Fathers, Sonia Rodrigues, Dongmei Zuo, Indrani Vasudeva Murthy, Michael Hallett, Robert Cardiff, and Morag Park*
- 461 WNT5A Expression in Ameloblastoma and Its Roles in Regulating Enamel Epithelium Tumorigenic Behaviors  
*Waleerat Sukarawan, Darrin Simmons, Cynthia Suggs, Kimberly Long, and J. Timothy Wright*
- 472 Nuclear  $\beta$ -Catenin Induces an Early Liver Progenitor Phenotype in Hepatocellular Carcinoma and Promotes Tumor Recurrence  
*Gudrun Zulebner, Mario Mikula, Doris Schneller, Franziska van Zijl, Heidemarie Huber, Wolfgang Siegbart, Bettina Grasl-Kraupp, Thomas Waldbör, Markus Peck-Radosavljevic, Hartmut Beug, and Wolfgang Mikulits*

Vascular Biology, Atherosclerosis and Endothelium Biology

- 482 Venular Basement Membranes Ubiquitously Express Matrix Protein Low-Expression Regions: Characterization in Multiple Tissues and Remodeling during Inflammation  
*Mathieu-Benoît Voisin, Doris Pröbstl, and Sussan Nourshargh*
- 496 Cross-Talk between Vascular Endothelial Growth Factor and Matrix Metalloproteinases in the Induction of Neovascularization *in Vivo*  
*Quteba Ebrahim, Shyam S. Chaurasia, Amit Vasanji, Jian Hua Qi, Phillip A. Klenotic, Alecia Cutler, Kewal Asosingh, Serpil Erzurum, and Bela Anand-Apte*
- 504 Endothelial Progenitor Cells (EPCs) Mobilized and Activated by Neurotrophic Factors May Contribute to Pathologic Neovascularization in Diabetic Retinopathy  
*Xialin Liu, Yongjun Li, Yizhi Liu, Yan Luo, Dingding Wang, Brian H. Annex, and Pascal J. Goldschmidt-Clermont*

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