

## PERSPECTIVE

- 1213 | **Skin Deep and Deeper:  
Multiple Pathways in Basal  
Cell Carcinogenesis**  
Craig D. Peacock and Charles M. Rudin  
*See article p. 1222*

## REVIEW

- 1217 | **Molecular Conversations and the  
Development of the Hair Follicle  
and Basal Cell Carcinoma**  
Pamela Jo Harris, Naoko Takebe,  
and S. Percy Ivy

## RESEARCH ARTICLES

- 1222 | **Patched1 Inhibits Epidermal  
Progenitor Cell Expansion and  
Basal Cell Carcinoma Formation by  
Limiting Igfbp2 Activity**  
Rehan M. Villani, Christelle Adolphe,  
James Palmer, Michael J. Waters,  
and Brandon J. Wainwright  
*See perspective p. 1213*

- 1235 | **Genetic Variations in the Sonic  
Hedgehog Pathway Affect Clinical  
Outcomes in Non-Muscle-Invasive  
Bladder Cancer**  
Meng Chen, Michelle A.T. Hildebrandt,  
Jessica Clague, Ashish M. Kamat,  
Antoni Picornell, Joshua Chang,  
Xiaofan Zhang, Julie Izzo, Hushan Yang,  
Jie Lin, Jian Gu, Stephen Chanock,  
Manolis Kogevinas, Nathaniel Rothman,  
Debra T. Silverman, Montserrat Garcia-Closas,  
H. Barton Grossman, Colin P. Dinney,  
Núria Malats, and Xifeng Wu

- 1246 | **Dietary Vitamin D Exposure  
Prevents Obesity-Induced Increase in  
Endometrial Cancer in *Pten*<sup>+/-</sup> Mice**  
Wei Yu, Mark Cline, Larry G. Maxwell,  
David Berrigan, Gustavo Rodriguez,  
Anni Warri, and Leena Hilakivi-Clarke

- 1259 | **Diet-Induced Obesity Accelerates  
Acute Lymphoblastic Leukemia  
Progression in Two Murine Models**  
Jason P. Yun, James W. Behan,  
Nora Heisterkamp, Anna Butturini,  
Lars Klemm, Lingyun Ji, John Groffen,  
Markus Müschen, and Steven D. Mittelman

- 1265 | **Chemoimmunotherapy Reduces the  
Progression of Multiple Myeloma in  
a Mouse Model**  
Amir Sharabi, Ayelet Laronne-Bar-On,  
Asher Meshorer, and Nechama Haran-Ghera

- 1277 | **Loss of Inositol Polyphosphate  
5-Phosphatase Is an Early Event in  
Development of Cutaneous  
Squamous Cell Carcinoma**  
Aleksandar Sekulic, Su Y. Kim,  
Galen Hostetter, Stephanie Savage,  
Janine G. Einspahr, Anil Prasad,  
Paul Sagerman, Clara Curiel-Lewandrowski,  
Robert Krouse, G. Timothy Bowden,  
James Warneke, David S. Alberts,  
Mark R. Pittelkow, David DiCauda,  
Brian J. Nickoloff, Jeffrey M. Trent,  
and Michael Bittner

- 1284 | **A Dietary Tomato Supplement  
Prevents Prostate Cancer in  
TRAMP Mice**  
Tania Pannellini, Manuela Iezzi,  
Marcella Liberatore, Federica Sabatini,  
Stefano Iacobelli, Cosmo Rossi,  
Saverio Alberti, Carmine Di Ilio,  
Paola Vitaglione, Vincenzo Fogliano,  
and Mauro Piantelli

- 1292 | **Transcriptional Attenuation in  
Colon Carcinoma Cells in Response  
to Butyrate**  
Maria C. Daroqui and Leonard H. Augenlicht

- 1303 | **Colon Tumor Cell  
Growth-Inhibitory Activity of  
Sulindac Sulfide and Other  
Nonsteroidal Anti-Inflammatory  
Drugs Is Associated with  
Phosphodiesterase 5 Inhibition**  
Heather N. Tinsley, Bernard D. Gary,  
Jose Thaiparambil, Nan Li, Wenyan Lu,  
Yonghe Li, Yulia Y. Maxuitenko,  
Adam B. Keeton, and Gary A. Piazza

- 1314 | **Prevention of Colitis-Associated  
Carcinogenesis with Infliximab**  
Yoon Jae Kim, Kyung Sook Hong,  
Jun Won Chung, Ju Hyun Kim,  
and Ki Baik Hahm

- 1334 | **Association between C-Peptide  
Concentration and Prostate  
Cancer Incidence in the CLUE II  
Cohort Study**  
Gabriel Y. Lai, Kathy J. Helzlsouer,  
Sandra L. Clipp, Nader Rifai,  
and Elizabeth A. Platz

**Reduction in Ki-67 in Benign Breast Tissue of High-Risk Women with the Lignan Secoisolariciresinol Diglycoside**

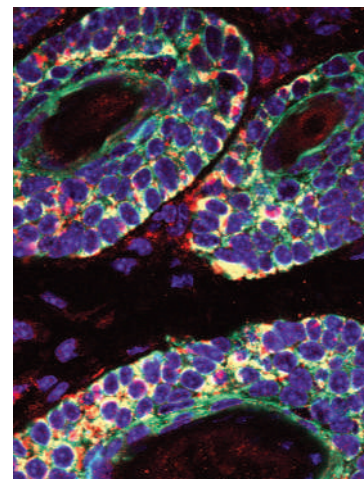
Carol J. Fabian, Bruce F. Kimler, Carola M. Zalles, Jennifer R. Klemp, Brian K. Petroff, Qamar J. Khan, Priyanka Sharma, Kenneth D.R. Setchell, Xueheng Zhao, Teresa A. Phillips, Trina Metheny, Jennifer R. Hughes, Hung-Wen Yeh, and Karen A. Johnson

**A 28-Amino-Acid Peptide Fragment of the Cupredoxin Azurin Prevents Carcinogen-Induced Mouse Mammary Lesions**

Rajeshwari R. Mehta, Michael Hawthorne, Xinjian Peng, Ann Shilkaitis, Rajendra G. Mehta, Craig W. Beattie, and Tapas K. Das Gupta

## ABOUT THE COVER

The cover photograph shows cross sections of three hair follicles reflecting the excessive growth of hair-follicle cells in mice lacking Patched1 (*Ptch1*) gene activity in cells of the outer layer of the skin (*K14Cre:Ptch1<sup>lox/lox</sup>* mice). Cells in the outer layer of hair follicles always express keratin 14 protein (green), and only a small number of these cells normally express insulin-like growth factor binding protein 2 (IGFBP2; red). In *Ptch1*-null mice, however, all cells of the hair-follicle outer layer express IGFBP2; areas of overlapping expression of keratin 14 and IGFBP2 in these mice are shown in light yellow (nuclei are counterstained in blue). This increased expression of IGFBP2 is responsible for the excessive production of hair-follicle progenitor cells, which eventually leads to the development of basal cell carcinoma. See articles by Villani et al. (beginning on page 1222), Rudin and Peacock (beginning on page 1213), and Ivy (beginning on page 1217) for more information.



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**3 (10)**

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