Contents

**PERSPECTIVES**

1361 | The Origins and Implications of Intratumor Heterogeneity
Franziska Michor and Kornelia Polyak
*See article p. 1388*

1365 | Psychosocially Influenced Cancer: Diverse Early-Life Stress Experiences and Links to Breast Cancer
Linda A. Schuler and Anthony P. Auger
*See article p. 1398*

1371 | Making Sense of Missense in Lynch Syndrome: The Clinical Perspective
Henry T. Lynch, Thomas Laszur, Stephen Lanspa, and C. Richard Boland
*See article p. 1409*

1375 | Chemoprevention of Pancreatic Cancer: Ready for the Clinic?
Craig D. Logsdon and James L. Abbruzzese
*See article p. 1417*

1379 | Breaking the NF-κB and STAT3 Alliance Inhibits Inflammation and Pancreatic Tumorigenesis
Young-Joon Suh, Ann M. Bode, and Zigang Dong
*See article p. 1427*

**REVIEW**

1382 | Deploying Mouse Models of Pancreatic Cancer for Chemoprevention Studies
Paul J. Grippo and David A. Tuveson
*See article p. 1435*

**RESEARCH ARTICLES**

1388 | A Comprehensive Survey of Clonal Diversity Measures in Barrett’s Esophagus as Biomarkers of Progression to Esophageal Adenocarcinoma
Lauren M.F. Merlo, Najaf A. Shah, Xiaohong Li, Patricia L. Blount, Thomas L. Vaughan, Brian J. Reid, and Carlo C. Maley
*See perspective p. 1361*

1409 | Neonatal Experiences Differentially Influence Mammary Gland Morphology, Estrogen Receptor α Protein Levels, and Carcinogenesis in BALB/c Mice
Allison L. Boyd, Ayesha Salleh, Brent Humber, Janet Yee, Ladislav Tomes, and Leslie R. Kerr
*See perspective p. 1365*

1409 | An MLH1 Mutation Links BACH1/FANCJ to Colon Cancer, Signaling, and Insight toward Directed Therapy
Jenny Xie, Shawna Guillemette, Min Peng, Candace Gilbert, Andrew Buermeyer, and Sharon B. Cantor
*See perspective p. 1371*

1417 | The Epidermal Growth Factor Receptor Inhibitor Gefitinib Prevents the Progression of Pancreatic Lesions to Carcinoma in a Conditional LSL-KrasG12D/+ Transgenic Mouse Model
Alkaf Mohammed, Naveena B. Janakiram, Qian Li, Venkateshwar Madka, Misty Ely, Stan Lightfoot, Howard Crawford, Vernon E. Steele, and Chinthalapally V. Rao
*See perspective p. 1375*

1427 | Synthetic Tripterpenoids Prolong Survival in a Transgenic Mouse Model of Pancreatic Cancer
Karen T. Liby, Darlene B. Royce, Renee Risingong, Charlotte R. Williams, Anirban Maitra, Ralph H. Hruban, and Michael B. Sporn
*See perspective p. 1379*

1435 | MicroRNA Expression Profiling of Exfoliated Colonocytes Isolated from Feces for Colorectal Cancer Screening
Yoshikatsu Koga, Masahiro Yasunaga, Amane Takahashi, Junichiro Kuroda, Yoshihiro Moriya, Takayuki Akasu, Shin Fujita, Seiichiro Yamamoto, Hideo Baba, and Yasuhiro Matsumura

1443 | Black Raspberries Inhibit Intestinal Tumorigenesis in Apc1638+/- and Muc2−/− Mouse Models of Colorectal Cancer
Xiuli Bi, Wenfeng Fang, Li-Shu Wang, Gary D. Stoner, and Wancui Yang
About the Cover

The cover features a histology section from a patient’s biopsy specimen of Barrett’s esophagus stained with hemotoxylin and eosin (courtesy of Dr. Amitabh Srivastava, Dartmouth-Hitchcock Medical Center). The specimen features a region of dysplasia (upper left) next to a region of non-dysplasia, visually illustrating the concept of the phenotypic diversity that may be found within Barrett’s esophagus. New work has provided a comprehensive analysis of measures of genetic diversity within a Barrett’s esophagus segment as predictors of the risk for progression to esophageal adenocarcinoma. See articles by Merlo et al. (beginning on page 1388) and Michor and Polyak (beginning on page 1361) for more information.