Contents

Highlights of This Issue  3089

SPECIAL FEATURES

3091 SPECIAL FEATURES
How to Train Your Biomarker
Douglas Yee
See article p. 3193

3104 Molecular Pathways
Inhibition of the PI3K Pathway:
Hope We Can Believe in?
Michiel S. van der Heijden
and René Bernards

3100 Immunogenic Tumor Cell Death for Optimal Anticancer Therapy:
The Calreticulin Exposure Pathway
Laurence Zitvogel, Oliver Kepp,
Laura Senovilla, Laurie Menger,
Nathalie Chapat, and Guido Kroemer

CCR Translations

3105 CCR Translations
How to Train Your Biomarker
Douglas Yee
See article p. 3193

3144 Molecular Pathways
Inhibition of the PI3K Pathway:
Hope We Can Believe in?
Michiel S. van der Heijden
and René Bernards

3140 Immunogenic Tumor Cell Death for Optimal Anticancer Therapy:
The Calreticulin Exposure Pathway
Laurence Zitvogel, Oliver Kepp,
Laura Senovilla, Laurie Menger,
Nathalie Chapat, and Guido Kroemer

CCR Focus

3153 CCR Focus
Targeting Wnt Signaling: Can We Safely Eradicate Cancer Stem Cells?
Fumi Takahashi-Yanaga and Michael Kahn

3162 CCR Focus
Targeting Wnt Signaling: Can We Safely Eradicate Cancer Stem Cells?
Fumi Takahashi-Yanaga and Michael Kahn

3171 HUMAN CANCER BIOLOGY
Aurora Kinase A Promotes Ovarian Tumorigenesis through Dysregulation of the Cell Cycle and Suppression of BRCA2
Gong Yang, Bin Chang, Fan Yang,
Xiaqing Guo, Kathy Qi Cai,
Xue (Sherry) Xiao, Huamin Wang,
Subrata Sen, Mien-Chie Hung,
Gordon B. Mills, Sandy Chang,
Asha S. Multani, Imelda Mercado-Uribe,
arid Jinsong Liu

3181 HUMAN CANCER BIOLOGY
Molecular Diagnosis of Activating EGFR Mutations in Non–Small Cell Lung Cancer Using Mutation-Specific Antibodies for Immunohistochemical Analysis
Akhiko Kawahara, Chizuko Yamamoto,
Kazutaka Nakashima, Koichi Azuma,
Satoshi Hattori, Masaki Kashiha,
Hisamichi Aizawa, Yuji Basaki,
Michihiko Kusano, Masayoshi Kage,
Tetsuya Mitsudomi, and Mayumi Ono

3182 CANCER THERAPY: PRECLINICAL
FTY720 Shows Promising In vitro and In vivo Preclinical Activity by Downmodulating Cyclin D1 and Phospho-Akt in Mantle Cell Lymphoma
Qing Liu, Lapo Aminari, Ching-Shih Chen,
Fengting Yan, James T. Dalton,
Rosa Lapolombella, Xiaoli Zhang,
Rajeshwaran Mani, Teresa Lin, John C. Byrd,
Robert A. Baiocchi, and Natarajan Muthusamy

3193 CANCER THERAPY: PRECLINICAL
Development of an Integrated Genomic Classifier for a Novel Agent in Colorectal Cancer: Approach to Individualized Therapy in Early Development
Todd M. Pitts, Aik Choon Tan,
Gilllian N. Kulikowski, John J. Tentler,
Amy M. Brown, Sara A. Flanigan,
Stephen Leong, Christopher D. Coldren,
Fred R. Hirsh, Marileella Varella-Garcia,
Christopher Korch, and S. Gail Eckhardt
See commentary p. 3091
CANCER THERAPY: CLINICAL

3260 Phase II Clinical and Pharmacokinetic Study of Plitidepsin 3-Hour Infusion Every Two Weeks Alone or with Dexamethasone in Relapsed and Refractory Multiple Myeloma
María Victoria Mateos, Maria Teresa Cibeira, Paul G. Richardson, Felipe Prosper, Albert Oriol, Javier de la Rubia, Juan José Lahuerta, Ramón García-Sanz, Sonia Extremera, Sergio Szyldergemajn, Claudia Corrado, Harald Singer, Constantine S. Mitsiades, Kenneth C. Anderson, Joan Bladé, and Jesús San Miguel

IMAGING, DIAGNOSIS, PROGNOSIS

3253 Overexpression of p73 as a Tissue Marker for High-Risk Gastritis
Gonzalo Carrasco, Jose Diaz, Jose R. Valbuena, Paulina Ibanez, Paz Rodriguez, Gabriela Araya, Carolina Rodriguez, Javiera Torres, Ignacio Duarte, EDMundo Aravena, Fernando Mena, Carlos Barrientos, and Alejandro H. Corvalan
ABOUT THE COVER

Early detection of gastric cancer requires risk assessment of premalignant conditions. The cover image shows a positive and negative representative immunostain of eight tissue markers (BRCA1, HSP90, EGFR, p73, STAT1, FHIT, p16INK4a and p53) and EBER-1 expression in tissue microarrays of early gastric cancer, nontumor adjacent mucosa, and chronic gastritis control cases, where p73 emerges and may have a potential role in the assessment of high-risk gastritis. Moreover, integration of these findings with histological features shows that overexpression of p73 is the most relevant finding. For further details, please see the article by Carrasco and colleagues on page 3253 of this issue.