### Highlights of This Issue

#### SPECIAL FEATURES

**CCR Translations**

- **Overcoming Antiangiogenic Resistance**
  James C. Yao and Alexandria Phan
  See article p. 5299

**CCR Perspectives in Drug Approval**

- **The European Medicines Agency: An Overview of Its Mission, Responsibilities, and Recent Initiatives in Cancer Drug Regulation**
  Francesco Pignatti, Iordanis Gravanis, Ralf Herold, Spiros Vamvakas, Bertil Jonsson, and Michel Marty

**Molecular Pathways**

- **Angiopoietin-2 TIEs Up Macrophages in Tumor Angiogenesis**
  Michele De Palma and Luigi Naldini

- **Prostate Cancer Immunotherapy**
  Kenneth F. May, Jr., James L. Gulley, Charles G. Drake, Glenn Dranoff, and Philip W. Kantoff

**Special Report**

- **SWOG Cooperative Group Biorepository Resource: Access for Scientific Research Studies**
  Carolyn J. Hoban, Wilbur A. Franklin, Kenneth J. Kopecky, and Laurence H. Baker

**Review**

- **Prognostic Immune Markers in Non–Small Cell Lung Cancer**
  Kei Suzuki, Stefan S. Kachala, Kyuichi Kadota, Ronglai Shen, Qianxing Mo, David G. Beer, Valerie W. Rusch, William D. Travis, and Prasad S. Adusumilli

---

### HUMAN CANCER BIOLOGY

- **Novel Functional Germline Variants in the VEGF Receptor 2 Gene and Their Effect on Gene Expression and Microvessel Density in Lung Cancer**

- **Clonal Relationship of Classical Hodgkin Lymphoma and its Recurrences**
  Ellen C. Oebemann, Nadine Mueller, Alexander Rulfe, Thomas Menter, Esther Mueller-Garamvolgyi, Gieri Cathomas, Stephan Dirnhofer, and Alexandar Tzankov

- **FGFR Signaling Promotes the Growth of Triple-Negative and Basal-Like Breast Cancer Cell Lines Both In Vitro and In Vivo**
  Rachel Sharpe, Alex Pearson, Maria T. Herrera-Abreu, Damian Johnson, Alan Mackay, Jonathan C. Wels, Rachael Natrajian, Andrew R. Reynolds, Jorge S. Reis-Filho, Alan Ashworth, and Nicholas C. Turner

- **Regulatory Role of mir-203 in Prostate Cancer Progression and Metastasis**
  Sharanjot Saini, Shahana Majid, Soichiro Yamamura, Laura Tabatabai, Seong O. Suh, Varahram Shahrpu, Yi Chen, Guoren Deng, Yuichiro Tanaka, and Rajvir Dahiya

---

### CANCER THERAPY: PRECLINICAL

- **Brivanib, a Dual FGF/VEGF Inhibitor, Is Active Both First and Second Line against Mouse Pancreatic Neuroendocrine Tumors Developing Adaptive/Evasive Resistance to VEGF Inhibition**
  Elizabeth Allen, Ian B. Walters, and Douglas Hanahan
  See commentary p. 5217
In Vitro and In Vivo Selective Antitumor Activity of a Novel Orally Bioavailable Proteasome Inhibitor MLN9708 against Multiple Myeloma Cells
Dharminder Chauhan, Ze Tian, Bin Zhou, Deborah Kuhn, Robert Orlowksi, Noopur Raje, Paul Richardson, and Kenneth C. Anderson

Gastric Cancer Growth Control by BEZ235 In Vivo Does Not Correlate with PI3K/mTOR Target Inhibition but with [18F]FLT Uptake
Thorsten Fuereder, Thomas Wanek, Pamina Pflegerl, Agnes Jaeger-Lansky, Doris Hoellmayer, Sabine Strommer, Claudia Kuntner, Friedrich Wrba, Johannes Werzowa, Michael Hejna, Markus Muller, Oliver Langer, and Volker Wacheck

Regression of Glioma in Rat Models by Intranasal Application of Parvovirus H-1
Irina Kiprianova, Nadja Thomas, Ali Ayache, Manuel Fischer, Barbara Leuchs, Michèle Klein, Jean Rommelaere, and Jörg R. Schlehofer

Determinants of Successful CD8+ T-Cell Adoptive Immunotherapy for Large Established Tumors in Mice
Christopher A. Klebanoff, Luca Gattinoni, Douglas C. Palmer, Pawel Muranski, Yun Ji, Christian S. Hinrichs, Zachary A. Borman, Sid P. Kerkar, Christopher D. Scott, Steven E. Finkelstein, Steven A. Rosenberg, and Nicholas P. Restifo

PM02734 (Elisidepsin) Induces Caspase-Independent Cell Death Associated with Features of Autophagy, Inhibition of the Akt/mTOR Signaling Pathway, and Activation of Death-Associated Protein Kinase
Yi-He Ling, Miguel Aracil, Yiyu Zou, Ziqiang Yuan, Bo Lu, José Jimeno, Ana Maria Cuervo, and Roman Perez-Soler

Targeting Src in Mucinous Ovarian Carcinoma
Koji Matsuo, Masato Nishimura, Justin N. Botsford-Miller, Jie Huang, Kakajan Komurov, Guillermo N. Armaiz-Pena, Mian M. K. Shahzad, Rebecca L. Stone, Ju Won Roh, Angela M. Sanghoo, Chunhua Lu, Dwight D. Im, Neil B. Rosenshien, Atsuko Sakakibara, Tadayoshi Nagano, Masato Yamashiki, Takayuki Enomoto, Guerrino D'Amico, and Roman Perez-Soler

Lupeol, a Novel Androgen Receptor Inhibitor: Implications in Prostate Cancer Therapy
Hifzur Rahman Siddique, Shrawan Kumar Mishra, R. Jeffery Karnes, and Mohammad Saleem

Induction of HLA-DP4–Restricted Anti-Survivin Th1 and Th2 Responses Using an Artificial Antigen-Presenting Cell
Makito Tanaka, Marcus O. Butler, Sascha Ansün, Osamu Imataki, Alla Berezovskaya, Lee M. Nadler, and Naoto Hirano

Resveratrol Selectively Induces DNA Damage, Independent of Smad4 Expression, in Its Efficacy against Human Head and Neck Squamous Cell Carcinoma
Alpna Tyagi, Mallikarjuna Gu, Takenori Takahata, Barbara Frederic, Chapla Agarwal, Sunita Sirivardana, Rajesh Agarwal, and Robert A. Sclafani

Role of Smac in Determining the Chemotherapeutic Response of Esophageal Squamous Cell Carcinoma
Yang Xu, Lanping Zhou, Jing Huang, Fang Liu, Jian Yu, Qimin Zhan, Lin Zhang, and Xiaohang Zhao

Antitumor Activity of YM155, a Selective Small-Molecule Survivin Suppressant, Alone and in Combination with Docetaxel in Human Malignant Melanoma Models
Kentaro Yamanaka, Takahito Nakahara, Tomohiro Yamauchi, Aya Kita, Masahiro Takeuchi, Fumiho Kiyonaga, Naoki Kaneko, and Masao Sasamata

Effective Targeting of Triple-Negative Breast Cancer Cells by PF-4924847, a Novel Oral Inhibitor of Hsp 90
Pramod P. Mehta, Pamela Whalen, Sangita M. Baxi, Pei-Pei Kung, Shiji Yamazaki, and Min-Jean Yin

IMAGING, DIAGNOSIS, PROGNOSIS

Prognostic Model for Survival in Patients with Metastatic Renal Cell Carcinoma: Results from the International Kidney Cancer Working Group
Judith Manola, Patrick Royston, Paul Elson, Jennifer Bacik McCormack, Madhu Komurov, Sylvie Negrier, Bernard Escudier, Tim Eisen, Janice Dutcher, Michael Atkins, Daniel Y. C. Heng, Tami K. Choueiri, Robert Motzer, and Ronald Bukowski, for the International Kidney Cancer Working Group
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>5451</td>
<td>BARD1 Expression Predicts Outcome in Colon Cancer</td>
<td>Judith C. Sporn, Torsten Hothorn, and Barbara Jung</td>
</tr>
<tr>
<td>5463</td>
<td>Gene Expression Profiling of Fixed Tissues Identified Hypoxia-Inducible Factor-1α, VEGF, and Matrix Metalloproteinase-2 as Biomarkers of Lymph Node Metastasis in Hepatocellular Carcinoma</td>
<td>Zuo-Lin Xiang, Zhao-Chong Zeng, Jia Fan, Zhao-You Tang, Hai-Ying Zeng, and Dong-Mei Gao</td>
</tr>
<tr>
<td>5473</td>
<td>Imunosuppression in Patients with High-Grade Gliomas Treated with Radiation and Temozolomide</td>
<td>Stuart A. Grossman, Xiaobu Ye, Glenn Lesser, Andrew Sloan, Hetty Carraway, Serena Desideri, and Steven Plantadosi for the NABTT CNS Consortium</td>
</tr>
<tr>
<td>5481</td>
<td>A Phase II Study of Pazopanib in Asian Patients with Recurrent/Metastatic Nasopharyngeal Carcinoma</td>
<td>Wan-Teck Lim, Quan-Sing Ng, Percy Ivy, Swan-Swan Leong, Onkar Singh, Balram Chowbay, Fei Gao, Choon Hua Thng, Boon-Cher Goh, Daniel Shao-Weng Tan, Tong San Koh, Chee-Keong Toh, and Eng-Huat Tan</td>
</tr>
<tr>
<td>5501</td>
<td>Membranous Expression of Ectodomain Isoforms of the Epidermal Growth Factor Receptor Predicts Outcome after Chemoradiotherapy of Lymph Node–Negative Cervical Cancer</td>
<td>Cathinka Halle, Malin Lando, Debbie Hege Svendsrud, Trevor Clancy, Marit Holden, Kolbein Sundlor, Gunnar B. Kristensen, Ruth Holm, and Heidi Lyng</td>
</tr>
<tr>
<td>5523</td>
<td>Correction: Regulation of HMG1 Expression by MicroRNA-296 Affects Prostate Cancer Growth and Invasion</td>
<td></td>
</tr>
<tr>
<td>5524</td>
<td>Correction: Intracellular Activation of SGN-35, a Potent Anti-CD30 Antibody-Drug Conjugate</td>
<td></td>
</tr>
</tbody>
</table>
Immunohistochemical analysis confirmed that YM155 reduced survivin protein levels, whereas docetaxel treatment increased p34 Thr-survivin protein at G2/M mitotic arrest. Furthermore, the concomitant treatment YM155 apparently decreased the docetaxel-induced survivin upregulation below the basal level in SK-MEL-5 human malignant melanoma cell. For further details, please see Yamanaka and colleagues on page 5423 in this issue.