I-387, a Novel Antimitotic Indole, Displays a Potent In vitro and In vivo Antitumor Activity with Less Neurotoxicity
Sunjoo Ahn, Charles B. Duke III, Christina M. Barrett, Dong Jin Hwang, Chien-Ming Li, Duane D. Miller, and James T. Dalton

The Synthetic Caged Garcinia Xanthone Cluvenone Induces Cell Stress and Apoptosis and Has Immune Modulatory Activity
Ayse Batova, Diego Altomare, Oraphin Chantarasriwong, Kari L. Ohlsen, Kim E. Creek, You-Chin Lin, Amy Messersmith, Alice L. Yu, John Yu, and Emmanuel A. Theodorakis

Cucurbitacin I Suppressed Stem-Like Property and Enhanced Radiation-Induced Apoptosis in Head and Neck Squamous Carcinoma-Derived CD44+ALDH1+ Cells
Yi-Wei Chen, Kuan-Hsuan Chen, Pin-I Huang, Yu-Chih Chen, Guang-Yu Chio, Wen-Liang Lo, Ling-Ming Tseng, Han-Sui Hsu, Kuo-Wei Chang, and Shih-Hwa Chiou

PUMA Induction by FoxO3a Mediates the Anticancer Activities of the Broad-Range Kinase Inhibitor UCN-01
Crissy Dudgeon, Peng Wang, Xiameng Sun, Rui Peng, Qianhong Sun, Jian Yu, and Lin Zhang

Adamantyl-Substituted Retinoid-Related Molecules Induce Apoptosis in Human Acute Myelogenous Leukemia Cells
Lulu Farhana, Marcia I. Dawson, Zebin Xia, Amro Aboukameel, Liping Xu, Gang Liu, Jayanta K. Das, James Hatfield, Evi Levi, Ramzi Mohammad, and Joseph A. Fontana

Paclitaxel-Dependent Cell Lines Reveal a Novel Drug Activity
Anutosh Ganguly, Hailing Yang, and Fernando Cabral

Reovirus Virotherapy Overrides Tumor Antigen Presentation Evasion and Promotes Protective Antitumor Immunity
Shashi A. Gujar, Paola Marcato, Da Pan, and Patrick W.K. Lee

A Novel Human Dynactin-Associated Protein, dynAP, Promotes Activation of Akt, and Ergosterol-Related Compounds Induce dynAP-Dependent Apoptosis of Human Cancer Cells
Tatsuki Kuno, Takanori Noda, Koichi Koseki, Masayuki Sekigawa, Motoki Takagi, Kazuo Shin-ya, Naoki Goshima, Shun-ichiro Iemura, Tohru Natsume, Shu-ichi Wada, Yukio Mukai, Shinji Ohta, Ryuizo Sasaki, and Tamio Mizukami

A MicroRNA Screen to Identify Modulators of Sensitivity to BCL2 Inhibitor ABT-263 (Navitoclax)
Lloyd T. Lam, Xin Lu, Haichao Zhang, Rick Lesniewski, Saul Rosenberg, and Dimitri Semizarov

Knockdown of Inwardly Rectifying Potassium Channel Kir2.2 Suppresses Tumorigenesis by Inducing Reactive Oxygen Species-Mediated Cellular Senescence
Inkyoung Lee, Chaehwa Park, and Won Ki Kang

Antitumor Effect of Temsirolimus against Oral Squamous Cell Carcinoma Associated with Bone Destruction
Tatsuo Okui, Tsuyoshi Shimo, Takuya Fukazawa, Naito Kurio, Nur Mohammad Monsur Hassan, Tatsuki Honami, Munenori Takaoka, Yoshio Naomoto, and Akira Sasaki

Expression and Silencing of the Microtubule-Associated Protein Tau in Breast Cancer Cells
Tatiana Spicakova, Maureen M. O’Brien, George E. Duran, Alejandro Sweet-Cordero, and Branimir I. Sikic
Cis-dichlorodiammineplatinum Upregulates Angiotensin II Type 1 Receptors through Reactive Oxygen Species Generation and Enhances VEGF Production in Bladder Cancer
Nobuyuki Tanaka, Akira Miyajima, Takeo Kosaka, Suguru Shirotake, Masanori Hasegawa, Eiji Kikuchi, and Mototsugu Oya

SCH 2047069, a Novel Oral Kinesin Spindle Protein Inhibitor, Shows Single-Agent Antitumor Activity and Enhances the Efficacy of Chemotherapeutics

Inhalation Delivery of a Novel Diindolylmethane Derivative for the Treatment of Lung Cancer
Nkechi Ichite, Mahavir Chougule, Apurva R. Patel, Tanise Jackson, Stephen Safe, and Mandip Singh

Nanaomycin A Selectively Inhibits DNMT3B and Reactivates Silenced Tumor Suppressor Genes in Human Cancer Cells
Dirk Kuck, Thomas Caulfield, Frank Lyko, and Jose L. Medina-Franco

Hyaluronan Inhibits Postchemotherapy Tumor Regrowth in a Colon Carcinoma Xenograft Model
Barbara M. Mueller, Ingrid James, Weidong Wen, Yan Lu, Eva Szabo, Ronald A. Lubet, and Ming You

Exon 7 Deletion in the bcr-abl Gene Is Frequent in Chronic Myeloid Leukemia Patients and Is Not Correlated with Resistance against Imatinib
Jean-Baptiste Gaillard, Cécile Arnould, Sophie Bravo, Daniel Donadio, Carole Exbrayat, Eric Jourdan, Dorothée Reboul, Jean Chiesa, and Thierry Lavabre-Bertrand

Silencing Kinase-Interacting Stathmin Gene Enhances Erlotinib Sensitivity by Inhibiting Ser10 p27 Phosphorylation in Epidermal Growth Factor Receptor-Expressing Breast Cancer
Dongwei Zhang, Ana M. Tari, Ugur Akar, Banu K. Arun, Tiffany A. LaFortune, Rene Nieves-Alicea, Gabriel N. Hortobagyi, and Naoto T. Ueno

Ascofuranone: A Possible Therapeutic Tool for Autosomal Dominant Polycystic Kidney Disease? – Letter
Vincenzo Cardinale and Domenico Alvaro

Therapeutic Possibility of Ascofuranone for Autosomal Dominant Polycystic Kidney Disease – Response
Ji-Hak Jeong, Junji Magae, and Young-Chae Chang
Paclitaxel-dependent mutant Tax 11-6 has a mutation in α-tubulin that disrupts microtubule assembly, prevents cytokinesis, and leads to cells that are large and multinucleated. Live cell imaging showed that the disrupted cytoskeleton arose from an increased frequency of microtubule detachment from centrosomes and spindle poles. The presence of paclitaxel prevented microtubule detachment and allowed proliferation as normal diploid cells. For details, see the article by Ganguly and colleagues on page 2914.