Highlights of This Issue 1973

SPECIAL FEATURES

CCR 20th Anniversary Commentary

1975 CCR 20th Anniversary Commentary: Setting the Stage for Nanoparticle Albumin-Bound Paclitaxel—How Far Science Has Come
Sami I. Bashour and Nuhad K. Ibrahim

CCR Translations

1978 PLEKHA5: A Key to Unlock the Blood–Brain Barrier?
Sylvia C. Eisele, Corey M. Gill, Ganesh M. Shankar, and Priscilla K. Brastianos
See related article, p. 2138

1981 The Yin and Yang of Alloreactivity: Chronic Graft-versus-Host Disease and Leukemia Relapse
Saar Gill
See related article, p. 2020

CCR New Strategies

1984 New Strategies in Glioblastoma: Exploiting the New Biology
Howard A. Fine

Molecular Pathways

1989 Molecular Pathways: Targeting NRG1 Fusions in Lung Cancer
Lynnette Fernandez-Cuesta and Roman K. Thomas

1995 Molecular Pathways: A Novel Approach to Targeting Hypoxia and Improving Radiotherapy
Efficacy via Reduction in Oxygen Demand
Alexander Lin and Amit Maity

Reviews

2001 Is This the Time to Introduce Minimal Residual Disease in Multiple Myeloma Clinical Practice?
Bruno Paiva, Noemi Puig, Ramon Garcia-Sanz, and Jesus F. San Miguel on behalf of the Grupo Español de Mieloma (GEM)/Programa para el Estudio de la Terapéutica en Hemopatías Malignas (PETHEMA) cooperative study groups

2009 Genomic Landscape of Human Papillomavirus–Associated Cancers
Maria Rusan, Yvonne Y. Li, and Peter S. Hammerman

CANCER THERAPY: CLINICAL

2020 Impact of Chronic Graft-versus-Host Disease on Late Relapse and Survival on 7,489 Patients after Myeloablative Allogeneic Hematopoietic Cell Transplantation for Leukemia
See related commentary, p. 1981

PERSONALIZED MEDICINE AND IMAGING

2029 Precision Medicine for Advanced Pancreas Cancer: The Individualized Molecular Pancreatic Cancer Therapy (IMPaCT) Trial
Lorraine A. Chantrill, Adnan M. Nagrial, Clare Watson, Amber L. Johns, Mona Martyn-Smith, Skye Simpson, Scott Mead, Marc D. Jones, Jaswinder S. Samra, Anthony J. Gill, Nicole Watson, Vanessa T. Chia, Jeremy L. Humphris, Angela Chou, Belinda Brown, Adrienne Money, Marina Pajic, Sean M. Grimmond, David K. Chang, David Thomas, Lucille Sebastian, Katrina Sjoquist, Sophia Yip, Nick Pavlakis, Ray Ashnari, Sandra Harvey, Peter Grimison, John Simes, and Andrew V. Blankin, on behalf of the Australian Pancreatic Cancer Genome Initiative (APGI) and the Individualized Molecular Pancreatic Cancer Therapy (IMPaCT) Trial Management Committee of the Australasian Gastrointestinal Trials Group (AGITG)

2038 Polymorphisms in MIR27A Associated with Early-Onset Toxicity in Fluoropyrimidine-Based Chemotherapy
Ursula Amstutz, Steven M. Offer, Johanna Sistonen, Markus Jöerger, Robert B. Diasio, and Carlo R. Largiadèr

2045 Integrated Genomic Profiling, Therapy Response, and Survival in Adult Acute Myelogenous Leukemia
Brian Parkin, Peter Ouilllette, Mehmet Yildiz, Kamla Saiya-Cork, Kerby Shedden, and Sami N. Malek
2017 Chemotherapy Rescues Hypoxic Tumor Cells and Induces Their Reoxygenation and Repopulation—An Effect That Is Inhibited by the Hypoxia-Activated Prodrug TH-302
Jasdeep K. Saggar and Ian F. Tannock

2015 Targeted Axl Inhibition Primes Chronic Lymphocytic Leukemia B Cells to Apoptosis and Shows Synergistic/Additive Effects in Combination with BTK Inhibitors

2127 Rac1/Paki1/p38/MPK-2 Axis Regulates Angiogenesis in Ovarian Cancer

2057 MGMT Promoter Methylation Is a Strong Prognostic Biomarker for Benefit from Dose-Intensified Temozolomide Rechallenge in Progressive Glioblastoma: The DIRECTOR Trial

2065 PTEN Loss Is Associated with Worse Outcome in HER2-Amplified Breast Cancer Patients but Is Not Associated with Trastuzumab Resistance

CANCER THERAPY: PRECLINICAL

2075 CD47 Enhances In Vivo Functionality of Artificial Antigen-Presenting Cells
Heiko Bruns, Catherine Bessell, Juan Carlos Varela, Carl Haupt, Jerry Fang, Shirin Pasemann, Andreas Mackensen, Mathias Oelke, Jonathan P. Schneck, and Christian Schütz

2084 Targeting Notch Signaling with a Notch2/3 Antagonist (Tarextumab) Inhibits Tumor Growth and Decreases Tumor-Initiating Cell Frequency
Wan-Ching Yen, Marcus M. Fischer, Fumiako Akiyama, Christopher Bond, Jennifer Cain, Belinda Cancilla, William R. Henner, Rene Meisner, Aaron Sato, Jalpa Shah, Tracy Tang, Breanna Wallace, Min Wang, Chun Zhang, Ann M. Kapoun, John Lewicki, Austin Gurney, and Tracy Tang

2096 Preclinical Pharmacologic Evaluation of Pralatrexate and Romidepsin Confirms Potent Synergy of the Combination in a Murine Model of Human T-cell Lymphoma

BIOLOGY OF HUMAN TUMORS

2138 PLEKHA5 as a Biomarker and Potential Mediator of Melanoma Brain Metastasis

2148 The Impact of Clone Size on the Prognostic Value of Chromosome Aberrations by Fluorescence In Situ Hybridization in Multiple Myeloma
Gang An, Zengui Li, Yu-Tzu Tai, Chirag Acharya, Qian Li, Xiaoxi Qin, Shuhua Yi, Yan Xu, Xiaoyan Feng, Chengwen Li, Jiawei Zhao, Lilui Shi, Meirong Zang, Shuhui Deng, Weiwei Sui, Mu Hao, Dehui Zou, Yaohong Zhao, Junyuans Qi, Tao Cheng, Kun Ru, Jianxiang Wang, Kenneth C. Anderson, and Lugui Qiu

2157 Emergence of Multiple EGFR Extracellular Mutations during Cetuximab Treatment in Colorectal Cancer
Sabrina Arena, Beatrix Bellosillo, Giulia Siravegna, Alejandro Martinez,Israel Calafadas, Luca Lazzari, Noelia Fernuz, Mariangela Russi, Sandra Misale, Iria Gonzalez, Mar Iglesias, Elena Gavilan, Giorgio Corti, Sebastian Hobor, Giovanni Cisaraloiu, Marta Salido, Juan Sanchez, Alba Dalmases, Joaquim Bellmunt, Gianni DeFabritius, Ana Rovira, Federica Di Nicolantonio, Joan Albanell, Alberto Bardelli, and Clara Montagut
IL2 Inducible T-cell Kinase, a Novel Therapeutic Target in Melanoma

Identification of Biological Relevant Minor Histocompatibility Antigens within the B-lymphocyte–Derived HLA-Ligandome Using a Reverse Immunology Approach
Pleun Hombrink, Chopie Hassan, Michel G.D. Kester, Lorenz Jahn, Margot J. Pont, Arnoud H. de Ru, Cornelis A.M. van Bergen, Marieke Griffioen, J.H. Frederik Falkenburg, Peter A. van Veelen, and Mirjam H.M. Heemskerk

RAF plus EGFR Inhibition for BRAF-Mutant Metastatic Colorectal Cancer—Response
Rona Yaeger and Leonard B. Saltz

Retraction: Glioma-Associated Cancer-Initiating Cells Induce Immunosuppression

Correction: Associations and Interactions between Ets-1 and Ets-2 and Coregulatory Proteins, SRC-1, AIB1, and NCoR in Breast Cancer

Correction: Phase I Safety, Pharmacokinetic, and Pharmacodynamic Study of SAR245408 (XL147), an Oral Pan-Class I PI3K Inhibitor, in Patients with Advanced Solid Tumors

The cover shows establishment of blood brain barrier (BBB) tight junctions. Immunofluorescence staining demonstrates ZO-1 expression within the top endothelial layer of an in vitro BBB. For details, see the article by Jilaveanu and colleagues on page 2138 of this issue.
Clinical Cancer Research

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