**HIGHLIGHTS**

887  Selected Articles from This Issue

**COMMENTARY**

889  Further Guidance in Implementing the Standardized 2018 World Cancer Research Fund/American Institute for Cancer Research (WCRF/AICR) Score
Marissa M. Shams-White, Dora Romaguera, Panagiota Mitrou, Jill Reedy, Alice Bender, and Nigel T. Brockton

**RESEARCH ARTICLES**

895  Projected Reductions in Absolute Cancer-Related Deaths from Diagnosing Cancers Before Metastasis, 2006–2015
Christina A. Clarke, Earl Hubbell, Allison W. Kurian, Graham A. Colditz, Anne-Renee Hartman, and Scarlett Lin Gomez

903  One Size Does Not Fit All: Marked Heterogeneity in Incidence of and Survival from Gastric Cancer among Asian American Subgroups
Robert J. Huang, Nora Sharp, Ruth O. Talamo, Hanlee P. Ji, Joo Ha Hwang, and Latha P. Palaniappan

910  Screen to Save: Results from NCI's Colorectal Cancer Outreach and Screening Initiative to Promote Awareness and Knowledge of Colorectal Cancer in Racial/Ethnic and Rural Populations
Damiya E. Whitaker, Frederick R. Snyder, Sandra L. San Miguel-Majors, LeeAnn O. Bailey, and Sanya A. Springfield

918  Harnessing Population Pedigree Data and Machine Learning Methods to Identify Patterns of Familial Bladder Cancer Risk
Heidi A. Hanson, Claire L. Leiser, Brock O'Neil, Christopher Martin, Sumati Gupta, Ken R. Smith, Christopher Dechet, William T. Lowrance, Michael J. Madsen, and Nicola J. Camp

927  Li-Fraumeni Exploration Consortium Data Coordinating Center: Building an Interactive Web-Based Resource for Collaborative International Cancer Epidemiology Research for a Rare Condition

936  Assessing Cancer Treatment Information Using Medicare and Hospital Discharge Data among Women with Non-Hodgkin Lymphoma in a Los Angeles County Case-Control Study
Charlie Zhong, Petra Seibold, Chun R. Chao, Wendy Cozen, Joo Y. Song, Dennis Weisenburger, Leslie Bernstein, and Sophia S. Wang

942  Age at Diagnosis and Patient Preferences for Treatment Outcomes in AML: A Discrete Choice Experiment to Explore Meaningful Benefits
Daniel R. Richardson, Norah L. Crossnohere, Jaein Seo, Elihu Estey, Bernadette O'Donoghue, B. Douglas Smith, and John F.P. Bridges

949  Daily Time of Radiation Treatment Is Associated with Subsequent Oral Mucositis Severity during Radiotherapy in Head and Neck Cancer Patients
Fangyi Gu, Mark K. Farrugia, William D. Duncan, Yingdong Feng, Alan D. Hutson, Nicolas F. Schlecht, Elizabeth A. Repasky, Marina P. Antoch, Austin Miller, Alexis Platek, Mary E. Platek, Austin J. Iovoli, and Anurag K. Singh

956  Associations of Abdominal Skeletal Muscle Mass, Fat Mass, and Mortality among Men and Women with Stage I-III Colorectal Cancer
TABLE OF CONTENTS

966  Circulating Biomarker Score for Visceral Fat and Risks of Incident Colorectal and Postmenopausal Breast Cancer: The Multiethnic Cohort Adiposity Phenotype Study
Loïc Le Marchand, Lynne R. Wilkens, Ann M. Castelfranco, Kristine R. Monroe, Bruce S. Kristal, Iona Cheng, Gertraud Maskarinec, Meredith A. Bullar, Johanna W. Lampe, John A. Shepherd, Adrian Franke, Thomas Ernst, and Unhee Lim

974  Prospective Association of Energy Balance Scores Based on Metabolic Biomarkers with Colorectal Cancer Risk
Mark A. Guenter, Susan M. Gapstur, Marjorie L. McCullough, W. Dana Flanders, Ying Wang, Erika Rees-Punia, Kassandra I. Alcaraz, Michael N. Pollak, and Peter T. Campbell

982  Accuracy of Self-reported Colonic Polyps: Results from the Prostate, Lung, Colorectal, and Ovarian Screening Trial Study of Colonoscopy Utilization
Kara P. Wiseman, Michelle I. Silver, Carrie N. Klabunde, Dennis Buckman, Patrick Wright, Thomas P. Hickey, Robert E. Schoen, and V. Paul Doria-Rose

990  Serum PIWI-Interacting RNAs pIR-020619 and pIR-020450 Are Promising Novel Biomarkers for Early Detection of Colorectal Cancer
Zhenfeng Wang, Hao Yang, Daguang Ma, Yongping Mu, Xiaohui Tan, Qin Hao, Li Feng, Junqing Liang, Wen Xin, Yongxia Chen, Yinglei Wu, Yongfeng Jia, and Haiping Zhao

999  Genetic and Circulating Biomarker Data Improve Risk Prediction for Pancreatic Cancer in the General Population
Jihye Kim, Chen Yuan, Ana Babic, Ying Bao, Clary C. Clish, Michael N. Pollak, Laufer T. Amundadottir, Alison P. Klein, Rachael Z. Stolzenberg-Solomon, Pari V. Pandharipande, Brian M. Wolpin, and Peter Kraft

1009  Pancreatic Cancer Risk in Relation to Lifetime Smoking Patterns, Tobacco Type, and Dose–Response Relationships

1019  Total Antioxidant Capacity and Pancreatic Cancer Incidence and Mortality in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial
Guo-Chao Zhong, Jian-Yuan Pu, Yi-Lin Wu, Zhu-Jun Yi, Lun Wan, Kang Wang, Fa-Bao Hao, Yong Zhao, and Jian-Ping Gong

1029  Red and Processed Meat, Poultry, Fish, and Egg Intakes and Cause-Specific and All-Cause Mortality among Men with Nonmetastatic Prostate Cancer in a U.S. Cohort
Ying Wang, Eric J. Jacobs, Roma A. Shah, Victoria L. Stevens, Ted Lansky, and Marjorie L. McCullough

1039  Alcohol and Tobacco Use in Relation to Mammographic Density in 23,456 Women

1049  Race May Not Impact Endocrine Therapy–Related Changes in Breast Density
Helen M. Johnson, Hitesh Shivalingappa, William Irish, Jan H. Wong, Mahvish Muzaffar, Kathryn Verbean, and Nasreen A. Vohra

1058  Prediagnostic Circulating Levels of Sex Steroid Hormones and SHBG in Relation to Risk of Ductal Carcinoma In Situ of the Breast among UK Women
Rhonda S. Arthur, Xiaonian Xue, and Thomas E. Rohan

1067  Objectively-Measured Light-Intensity Physical Activity and Risk of Cancer Mortality: A Meta-analysis of Prospective Cohort Studies
Shanhui Qu, Xue Cai, Tonghui Wu, Zilin Sun, Haijian Guo, Johannes Kirsten, Janine Wendt, Jürgen Michael Steinacker, and Uwe Schumann

NULL RESULTS IN BRIEF

1074  Lipid Trait Variants and the Risk of Non-Hodgkin Lymphoma Subtypes: A Mendelian Randomization Study
ABOUT THE COVER

The cover image is adapted from Figure 4 in the article, "Harnessing Population Pedigree Data and Machine Learning Methods to Identify Patterns of Familial Bladder Cancer Risk," by Hanson and colleagues. The figure displays standardized incidence risk profile for each familial multicancer cluster (FMC). To simultaneously assess risks for multiple cancers to identify distinct multicancer configurations, this study takes advantage of a unique population-level data resource, the Utah Population Database, containing vast genealogy and statewide cancer data. This study identified five familial bladder cancer FMCs showing unique risk patterns for cancers of other organs, suggesting phenotypic heterogeneity in familial bladder cancer. FMC configurations could permit better definitions of cancer phenotypes (subtypes or multicancer) for gene discovery and environmental risk factor studies. For more information, see the article beginning on page 918.