 Highlights of This Issue  1

HYPOTHESIS/COMMENTARY

3 Tobacco Use in the Oncology Setting: Advancing Clinical Practice and Research
Ellen R. Gritz, Benjamin A. Toll, and Graham W. Warren

EDITORIAL

10 Positive High-Risk HPV Test with Negative Cytology—A Conundrum and Blessing of Our Latest Technology
Diane M. Harper and Jennifer A. Groner
See article, p. 55

REVIEWS

12 Iron and Cancer Risk—A Systematic Review and Meta-analysis of the Epidemiological Evidence
Ana Fonseca-Nunes, Paula Jakszyn, and Antonio Agudo

K. Michael Cummings and Robert N. Proctor

37 The Surgeon General Report on Smoking and Health 50 Years Later: Breast Cancer and the Cost of Increasing Caution
Stanton A. Glantz and Kenneth C. Johnson

RESEARCH ARTICLES

47 Personal History of Diabetes, Genetic Susceptibility to Diabetes, and Risk of Brain Glioma: A Pooled Analysis of Observational Studies
Cari M. Kitahara, Martha S. Linet, Alina V. Brenner, Sophia S. Wang, Beatrice S. Melin, Zhaoming Wang, Peter D. Inskip, Laura E. Beane Freeman, Melissa Z. Braganza, Tania Carreño, Maria Feychtling, J. Michael Gaziano, Ulrike Peters, Mark P. Purdue, Avima M. Ruder, Howard D. Sesso, Xiaoyu Shu, Martha A. Waters, Emily White, Wei Zheng, Robert N. Hoover, Joseph F. Fraumeni Jr, Nilanjan Chatterjee, Meredith Yeager, Stephen J. Chanock, Patricia Hartge, and Preetha Rajaraman

55 Primary hrHPV DNA Testing in Cervical Cancer Screening: How to Manage Screen-Positive Women? A POBASCAM Trial Substudy
Maaike G. Dijkstra, Dirk van Niekerk, Dorien C. Rijkaart, Folkert J. van Kemenade, Danièle A.M. Heideman, Peter J.F. Snijders, Chris J.L.M. Meijer, and Johannes Berkhof
See editorial, p. 10

64 Evaluation of Metabolite Biomarkers for Hepatocellular Carcinoma through Stratified Analysis by Gender, Race, and Alcoholic Cirrhosis
Junfeng Xiao, Yi Zhao, Rency S. Varghese, Bin Zhou, Cristina Di Poto, Liuhua Zhang, Mahlet G. Tadesse, Dina Hazem Ziada, Kiirti Shetty, and Habtom W. Ressom

73 Plasma Alkylresorcinol Metabolites as Biomarkers for Whole-Grain Intake and Their Association with Prostate Cancer: A Swedish Nested Case-Control Study
Isabel Drake, Emily Sonestedt, Bo Gullberg, Anders Bjartell, Hakan Olsson, Herman Adlercreutz, Matti J. Tikkanen, Elisabet Wirfält, and Peter Wallström

84 Breast Cancer Subtypes and Previously Established Genetic Risk Factors: A Bayesian Approach
Katie M. O’Brien, Stephen R. Cole, Lawrence S. Engel, Jeannette T. Bensen, Charles Poole, Amy H. Herring, and Robert C. Millikan

98 Genes–Environment Interactions in Obesity- and Diabetes-Associated Pancreatic Cancer: A GWAS Data Analysis
Hongwei Tang, Peng Wei, Eric J. Duell, Harvey A. Risch, Sara H. Olson, H. Bas Bueno-de-Mesquita, Steven Gallinger, Elizabeth A. Holly, Gloria M. Petersen, Paige M. Bracci, Robert R. McWilliams, Mazda Jenab, Elio Riboli, Anne Tjonneland, Marie Christine Boutron-Ruault, Rudolf Kaaks, Dimitrios Trichopoulos, Salvatore Panico, Malin Sund, Petra H.M. Posters, Kay-Tee Khaw, Christopher I. Amos, and Donghui Li
# Table of Contents

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>107</td>
<td><strong>Maté Drinking and Esophageal Squamous Cell Carcinoma in South America: Pooled Results from Two Large Multicenter Case-Control Studies</strong>&lt;br&gt;Jay H. Lubin, Eduardo De Stefani, Christian C. Abnet, Gisele Acosta, Paolo Boffetta, Cesar Victoria, Barry I. Graubard, Nubia Muñoz, Hugo Deneo-Pellegrini, Silvia Franceschi, Xavier Castellsague, Alvaro L. Ronco, and Sanford M. Dawsey</td>
<td></td>
</tr>
<tr>
<td>117</td>
<td><strong>Improved Survival Outcomes in Cancer Patients with Hereditary Hemorrhagic Telangiectasia</strong>&lt;br&gt;Christine W. Duarte, Kimberly Murray, F. Lee Lucas, Kathleen Fairfield, Heather Miller, Peter Brooks, and Calvin P.H. Vary</td>
<td></td>
</tr>
<tr>
<td>126</td>
<td><strong>Outcomes of Breast Cancer in Brazil Related to Health Care Coverage: A Retrospective Cohort Study</strong>&lt;br&gt;Pedro E.R. Liedke, Dianne M. Finkelstein, Jackie Szmyonicka, Carlos H. Barrios, Yanin Chavarri-Guerra, José Bines, Claudia Vasconcelos, Sergio D. Simon, and Paul E. Goss</td>
<td></td>
</tr>
<tr>
<td>134</td>
<td><strong>Strategies to Improve Repeat Fecal Occult Blood Testing Cancer Screening</strong>&lt;br&gt;Terry C. Davis, Connie L. Arnold, Charles L. Bennett, Michael S. Wolf, Cristalyn Reynolds, Dachiao Liu, and Alfred Rademaker</td>
<td></td>
</tr>
<tr>
<td>144</td>
<td><strong>The Detection of Hepatocellular Carcinoma Using a Prospectively Developed and Validated Model Based on Serological Biomarkers</strong>&lt;br&gt;Philip J. Johnson, Sarah J. Pirrie, Trevor F. Cox, Sarah Berhane, Mabel Teng, Daniel Palmer, Janet Morse, Diana Hull, Gillian Patman, Chaki Kagebayashi, Syed Hussain, Janine Graham, Helen Reeves, and Shinji Satomura</td>
<td></td>
</tr>
<tr>
<td>154</td>
<td><strong>Psychological Distress after a Positive Fecal Occult Blood Test Result among Members of an Integrated Healthcare Delivery System</strong>&lt;br&gt;Sharon S. Laing, Andy Bogart, Jessica Chubak, Sharon Fuller, and Beverly B. Green</td>
<td></td>
</tr>
<tr>
<td>172</td>
<td><strong>Helicobacter pylori Seropositivities and Risk of Pancreatic Carcinoma</strong>&lt;br&gt;Harvey A. Risch, Lingeng Lu, Mark S. Kidd, Jing Wang, Wei Zhang, Quanxing Ni, Yu-Tang Gao, and Herbert Yu</td>
<td></td>
</tr>
<tr>
<td>179</td>
<td><strong>Circulating Soluble Cytokine Receptors and Colorectal Cancer Risk</strong>&lt;br&gt;Gloria Y.F. Ho, Tao Wang, Siquan L. Zheng, Lesley Tinker, Jianfeng Xu, Thomas E. Rohan, Sylvia Wassertheil-Smoller, Xianon Xue, Leonard H. Augenlicht, Ulrike Peters, Amanda I. Phipps, Howard D. Strickler, Marc J. Gunter, and Mary Cushman</td>
<td></td>
</tr>
<tr>
<td>189</td>
<td><strong>Postdiagnosis C-Reactive Protein and Breast Cancer Survivorship: Findings from the WHEL Study</strong>&lt;br&gt;Adriana Villasenor, Shirley W. Flatt, Catherine Marinac, Loki Natarajan, John P. Pierce, and Ruth E. Patterson</td>
<td></td>
</tr>
<tr>
<td>200</td>
<td><strong>Characterizing the Temporal Dynamics of Human Papillomavirus DNA Detectability Using Short-Interval Sampling</strong>&lt;br&gt;Su-Hsun Liu, Derek A.T. Cummings, Jonathan M. Zenilman, Patti E. Gravitt, and Rebecca M. Brotman</td>
<td></td>
</tr>
</tbody>
</table>
NULL RESULTS IN BRIEF

215 No Link between Breast Cancer and Meningioma: Results from a Large Monoinstitutional Retrospective Analysis
Carmen Criscitiello, Davide Disalvatore, Michele Santangelo, Nicole Rotmensz, Barbara Bazolli, Patrick Maisonneuve, Aron Goldhirsch, and Giuseppe Curigliano

LETTER TO THE EDITOR

218 Long-term Statin Use and Risk of Breast Cancer—Letter
Salvatore Gizzo, Emanuele Ancona, Marco Noventa, Donato D’Antona, and Giovanni Battista Nardelli

CORRECTION

219 Correction: Estrogen Metabolism and Mammographic Density in Postmenopausal Women: A Cross-Sectional Study