

Highlights of This Issue 1557

COMMENTS
1559 Addressing Challenges in Converting Grant-Funded Infrastructures to Broadly Used Research Resources Betsy Rolland and Ann M. Geiger

CANCER PROGRESS AND PRIORITIES
1563 Cancer Progress and Priorities: Lung Cancer Matthew B. Schabath and Michele L. Cote

REVIEWS

1594 A Systematic Review and Meta-analysis of Associations between Clinical Prostatitis and Prostate Cancer: New Estimates Accounting for Detection Bias Marvin E. Langston, Mara Horn, Saara Khan, Ratna Palkhvala, Michelle Doering, Leslie K. Dennis, and Siobhan Sutcliffe

RESEARCH ARTICLES

1612 Obesity and Risk for Second Malignant Neoplasms in Childhood Cancer Survivors: A Case–Control Study Utilizing the California Cancer Registry Diana J. Mohr, Ann S. Hamilton, Leena Chehab, Dennis Deapen, and David R. Freyer

1621 An Environmental Scan of Biopsychosocial and Clinical Variables in Cohort Studies of Cancer Survivors Jessica L. Kroek-Schoen, Brittany M. Bernardo, Joanne W. Elena, Paige A. Green, Elise Hoover, Juan Peng, Garnet L. Anderson, Bette Caan, Lisa G. Johnson, and Electra D. Paskett

1642 Positive STAT5 Protein and Locus Amplification Status Predicts Recurrence after Radical Prostatectomy to Assist Clinical Precision Management of Prostate Cancer Bassem R. Haddad, Andrew Erickson, Vindhaya Udhane, Peter S. LaViolette, Janice D. Rone, Markku A. Kallajoki, William A. See, Antti Rannikko, Tuomas Mirttinen, and Marja T. Nevalainen

1652 Pretreatment Dietary Patterns Are Associated with the Presence of Nutrition Impact Symptoms 1 Year after Diagnosis in Patients with Head and Neck Cancer Sylvia L. Crowder, Kalika P. Sarma, Alison M. Mondul, Yi Tang Chen, Zonggui Li, M. Yanina Pepino, Katie R. Zarins, Gregory T. Wolf, Laura S. Rozek, and Anna E. Smith


1668 Potential Markers from Serum-Purified Exosomes for Detecting Oral Squamous Cell Carcinoma Metastasis Cuiping Li, Yang Zhou, Junjun Liu, Xiaoping Su, Hao Qin, Suhua Huang, Xuanping Huang, and Nuo Zhou

1682 Evaluation of Rare and Common Variants from Suspected Familial or Sporadic Nasopharyngeal Carcinoma (NPC) Susceptibility Genes in Sporadic NPC Zhiwei Liu, Alisa M. Goldstein, Wan-Lun Hsu, Kelly J. Yu, Yin-Chu Chien, Jen-Yu Hsu, James Jer-Min Jian, Yung-An Tsou, Yi-Shing Leu, Li-Jen Liao, Yen-Liang Chang, Cheng-Ping Wang, Jia-Shing Wu, Chun-Hung Hua, Jehn-Chuan Lee, Tsung-Lin Yang, Chuhung Kate Hsiao, Ming-Shiang Wu, Ming-Hsi Tsai, Kuei-Kang Huang, Kai Yu, Kristie Jones, Bin Zhu, Meredith Yeager, Guoqin Yu, Pei-Jen Lou, Chien-Jen Chen, and Allan Hildesheim for the GEV-NPC group

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ABOUT THE COVER

The cover image was adapted from Figure 2 in the article, “Alterations to the Esophageal Microbiome Associated with Progression from Barrett’s Esophagus to Esophageal Adenocarcinoma,” by Snider and colleagues. The incidence of esophageal adenocarcinoma (EAC) has risen dramatically over the past half century, and the underlying reasons are incompletely understood. The goal of this case–control study was to describe alterations in the esophageal microbiome that occur with progression from Barrett’s esophagus (BE) to EAC. Demographic, clinical, and dietary intake data were collected, and esophageal brushings were collected during the endoscopy. 16S rRNA gene sequencing was performed to characterize the microbiome. Shifts in the BE-associated microbiome were observed in patients with high-grade dysplasia and EAC, with increases in certain potentially pathogenic bacteria. Further studies are indicated to identify specific bacteria that may promote the development of EAC, and also whether therapies targeting the microbiome can be developed to modify the risk of EAC. For more information, see the full article beginning on page 1687.