

EDITORIAL

- 1** Cancer Prevention
Raymond N. DuBois and Michael N. Pollak

RESEARCH ARTICLES

- 3** Trends in Lung Cancer and Cigarette Smoking: California Compared to the Rest of the United States
John P. Pierce, Yuyan Shi, Sara B. McMenamin, Tarik Benmarhnia, Dennis R. Trinidad, David R. Strong, Martha M. White, Sheila Kealey, Erik M. Hendrickson, Matthew D. Stone, Adriana Villaseñor, Sandy Kwong, Xueying Zhang, and Karen Messer
- 13** Interventions to Reduce Future Cancer Incidence from Diesel Engine Exhaust: What Might Work?
Renee N. Carey, Lin Fritschi, Timothy R. Driscoll, Susan Peters, Deborah C. Glass, Geza Benke, and Alison Reid
- 21** Obesity-associated Breast Inflammation among Hispanic/Latina Breast Cancer Patients
Heather Greenlee, Zaixing Shi, Hanina Hibshoosh, Dilip D. Giri, Aqeel Ahmed, Samantha Williams, Domenick J. Falcone, Lisle A. Winston, Xi K. Zhou, Clifford A. Hudis, Dawn L. Hershman, Andrew J. Dannenberg, and Neil M. Iyengar

- 31** Genome-Wide Meta-analysis of Gene–Environmental Interaction for Insulin Resistance Phenotypes and Breast Cancer Risk in Postmenopausal Women
Su Yon Jung, Nick Mancuso, Herbert Yu, Jeanette Papp, Eric Sobel, and Zuo-Feng Zhang

- 43** Evaluation of the Associations Between Cervical Microbiota and HPV Infection, Clearance, and Persistence in Cytologically Normal Women
Wu Ritu, Wu Enqi, Siriguleng Zheng, Jiandong Wang, Yaqin Ling, and Yan Wang

- 57** Interaction Between Susceptibility Loci in *MAVS* and *TRAF3* Genes, and High-risk HPV Infection on the Risk of Cervical Precancerous Lesions in Chinese Population



Di Xiao, Dandan Liu, Zihao Wen, Xiuxia Huang, Chengli Zeng, Zixing Zhou, Yajing Han, Xiaohong Ye, Jing Wu, Yao Wang, Congcong Guo, Meiling Ou, Shiqi Huang, Chuican Huang, Xiangcai Wei, Guang Yang, and Chunxia Jing

- 67** Acknowledgment to Reviewers

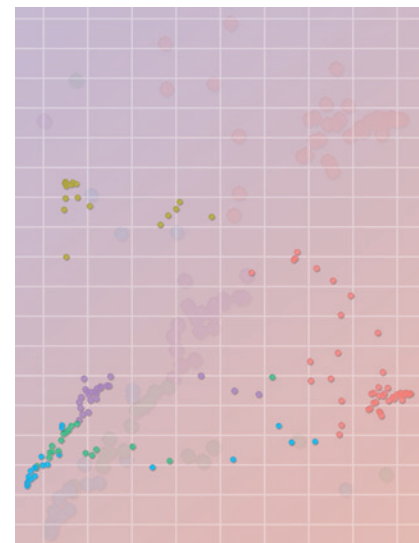


AC icon indicates Author Choice

For more information please visit www.aacrjournals.org

ABOUT THE COVER

HPV infection is very common in sexually active women, and the infecting HPVs can usually be spontaneously eliminated from individuals within 6 to 18 months. Only a small proportion of infected women retain the virus, and this could lead to the development of cervical intraepithelial neoplasia (CIN) and cervical carcinoma. The mechanism by which some individuals develop a persistent HPV infection that goes on to develop into clinically significant disease, however, remains largely unclear. Emerging evidence shows that the cervicovaginal microbiota play a substantial role in the infection and clearance of HPV in the reproductive tract and constitute a new biomarker reservoir to predict the persistence or regression of HPV. The cover shows the cervical communities of cytologically normal women from Beijing, China were classified into 5 community state types (CST) in hierarchical clustering analyses based on the Jensen–Shannon distance matrix and Ward linkage. Each point represents a sample. The CST1 (in red) is dominated by *Lactobacillus iners*; CST2 (in yellow) by *Lactobacillus crispatus*; CST3 (in green) by *Leptotrichia amnionii*, *Gardnerella ADEV_s*, and a variety of *Pseudomonas* spps, CST4 (in blue) by *Gardnerella ADEV_s*, *Atopobium vaginae*, and *Lactobacillus iners*; and CST5 (in purple) by *Salmonella enterica*, a variety of *Lactobacillus* spps, *Pseudomonas* spps, *Prevotella* spps, and *Streptococcus* spps, respectively. See the article by Ritu et al. (beginning on page 43) for more information.



Cancer Prevention Research

12 (1)

Cancer Prev Res 2019;12:1-67.

Updated version Access the most recent version of this article at:
<http://cancerpreventionresearch.aacrjournals.org/content/12/1>

E-mail alerts [Sign up to receive free email-alerts](#) related to this article or journal.

Reprints and Subscriptions To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions To request permission to re-use all or part of this article, use this link <http://cancerpreventionresearch.aacrjournals.org/content/12/1>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.