


## RESEARCH ARTICLES

- 283**    **Calcium Intake and Risk of Colorectal Cancer According to Tumor-infiltrating T Cells**  
Wanshui Yang, Li Liu, NaNa Keum, Zhi Rong Qian, Jonathan A. Nowak, Tsuyoshi Hamada, Mingyang Song, Yin Cao, Katsuhiko Nosho, Stephanie A. Smith-Warner, Sui Zhang, Yohei Masugi, Kimmie Ng, Keisuke Kosumi, Yanan Ma, Wendy S. Garrett, Molin Wang, Hongmei Nan, Marios Giannakis, Jeffrey A. Meyerhardt, Andrew T. Chan, Charles S. Fuchs, Reiko Nishihara, Kana Wu, Edward L. Giovannucci, Shuji Ogino, and Xuehong Zhang
- 295**    **No Evidence for Posttreatment Effects of Vitamin D and Calcium Supplementation on Risk of Colorectal Adenomas in a Randomized Trial**  
Audrey H. Calderwood, John A. Baron, Leila A. Mott, Dennis J. Ahnen, Robert M. Bostick, Jane C. Figueiredo, Michael N. Passarelli, Judy R. Rees, Douglas J. Robertson, and Elizabeth L. Barry
- 305**    **Smoking Cessation and the Risk of Bladder Cancer among Postmenopausal Women**  
Yueyao Li, Hilary A. Tindle, Michael S. Hendryx, Pengcheng Xun, Ka He, Xiaoyun Liang, and Juhua Luo
- 315**    **Physical Activity and Colorectal Cancer Risk by Sex, Race/Ethnicity, and Subsite: The Multiethnic Cohort Study**  
Song-Yi Park, Lynne R. Wilkens, Christopher A. Haiman, and Loïc Le Marchand
- 327**    **Longitudinal Adherence to Immunochemical Fecal Occult Blood Testing vs Guaiac-based FOBT in an Organized Colorectal Cancer Screening Program**  
 Lucia Benito, Noemie Travier, Gemma Binefa, Carmen Vidal, Jose Espinosa, Núria Milà, and Montse Garcia
- 335**    **Impact of Organizational-level Factors on Cancer Screening Activities in Fire Departments: A Cross-sectional Study from the Sylvester Firefighter Cancer Initiative**  
Alberto J. Caban-Martinez, Natasha Schaefer Solle, Katerina M. Santiago, David J. Lee, Tulay Koru-Sengul, Christopher G. Bator, Frank A. Babinec, Julius Halas, and Erin N. Kobetz

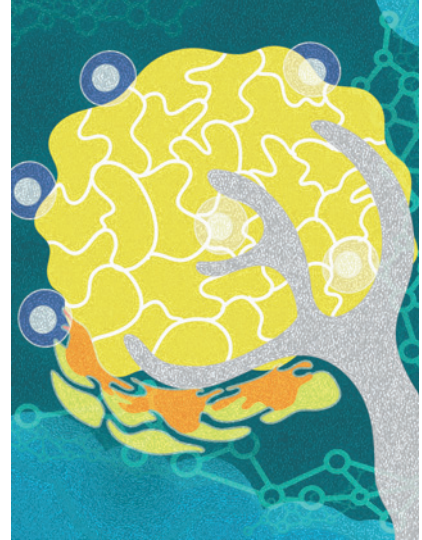
 AC icon indicates Author Choice

For more information please visit [www.aacrjournals.org](http://www.aacrjournals.org)

# Table of Contents

## ABOUT THE COVER

Calcium may modulate T cell function and reduce the risk of colorectal cancer. In this prospective cohort study, Yang and colleagues demonstrate that higher calcium intake is associated with lower risk of colorectal cancers containing low, but not high, densities of T cells, regardless of sex, source of calcium intake, tumor location, and tumor microsatellite instability status. The results suggest a possible immunomodulatory effect of calcium in colorectal carcinogenesis. The cover image depicts the infiltration of T cells in colorectal tumors, a process that could be altered by calcium intake.



# Cancer Prevention Research

12 (5)

*Cancer Prev Res* 2019;12:283-342.

**Updated version** Access the most recent version of this article at:  
<http://cancerpreventionresearch.aacrjournals.org/content/12/5>

**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](mailto:pubs@aacr.org).

**Permissions** To request permission to re-use all or part of this article, use this link <http://cancerpreventionresearch.aacrjournals.org/content/12/5>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.