

COMMENTARY

- 657** Vitamin D and Cancer: Diversity, Complexity, and Still a Ways to Go
Demetrius Albanes
See related article, p. 675

REVIEW


- 662** Cancer Prevention Research in China
Siwang Yu, Chung S. Yang, Junyao Li, Weicheng You, Jianguo Chen, Ya Cao, Zigang Dong, and Youlin Qiao

RESEARCH ARTICLES

- 675** Circulating Vitamin D Levels and Risk of Colorectal Cancer in Women
Paulette D. Chandler, Julie E. Buring, JoAnn E. Manson, Edward L. Giovannucci, M.V. Moorthy, Shumin Zhang, I-Min Lee, and Jennifer H. Lin
See related commentary, p. 657
- 683** Bacterial Prostatitis Enhances 2-Amino-1-Methyl-6-Phenylimidazo[4,5-*b*]Pyridine (PhIP)-Induced Cancer at Multiple Sites
Karen S. Sfanos, Kirstie Canene-Adams, Heidi Hempel, Shu-Han Yu, Brian W. Simons, Anthony J. Schaeffer, Edward M. Schaeffer, William G. Nelson, and Angelo M. De Marzo
- 693** Activation of the Mitochondrial Apoptotic Pathway Produces Reactive Oxygen Species and Oxidative Damage in Hepatocytes That Contribute to Liver Tumorigenesis
Hayato Hikita, Takahiro Kodama, Satoshi Tanaka, Yoshinobu Saito, Yasutoshi Nozaki, Tasuku Nakabori, Satoshi Shimizu, Yoshito Hayashi, Wei Li, Minoru Shigekawa, Ryotaro Sakamori, Takuya Miyagi, Naoki Hiramatsu, Tomohide Tatsumi, and Tetsuo Takehara
- 702** Aberrant TET1 Methylation Closely Associated with CpG Island Methylator Phenotype in Colorectal Cancer
Norihsa Ichimura, Keiko Shinjo, Byonggu An, Yasuhiro Shimizu, Kenji Yamao, Fumiharu Ohka, Keisuke Katsushima, Akira Hatanaka, Masayuki Tojo, Eiichiro Yamamoto, Hiromu Suzuki, Minoru Ueda, and Yutaka Kondo

- 712**  Effect of Sulforaphane in Men with Biochemical Recurrence after Radical Prostatectomy
Bernard G. Cipolla, Eric Mandron, Jean Marc Lefort, Yves Coadou, Emmanuel Della Negra, Luc Corbel, Ronan Le Scodan, Abdel Rahmene Azzouzi, and Nicolas Mottet

- 720** Activation of the PI3K/Akt/mTOR and MAPK Signaling Pathways in Response to Acute Solar-Simulated Light Exposure of Human Skin
Yira Bermudez, Steven P. Stratton, Clara Curiel-Lewandrowski, James Warneke, Chengcheng Hu, George T. Bowden, Sally E. Dickinson, Zigang Dong, Ann M. Bode, Kathylynn Saboda, Christine A. Brooks, Emanuel F. Petricoin III, Craig A. Hurst, David S. Alberts, and Janine G. Einspahr

- 729**  Autoantibody Signatures Combined with Epstein-Barr Virus Capsid Antigen-IgA as a Biomarker Panel for the Detection of Nasopharyngeal Carcinoma
Yu-Hui Peng, Yi-Wei Xu, Li-Sheng Huang, Tian-Tian Zhai, Li-Hua Dai, Si-Qi Qiu, Yu-Su Yang, Wei-Zheng Chen, Li-Qun Zhang, En-Min Li, and Li-Yan Xu

- 737** Prediagnostic Obesity and Physical Inactivity Are Associated with Shorter Telomere Length in Prostate Stromal Cells
Corinne E. Joshi, Sarah B. Peskoe, Christopher M. Heaphy, Stacey A. Kenfield, Erin L. Van Blarigan, Lorelei A. Mucci, Edward L. Giovannucci, Meir J. Stampfer, GhilSuk Yoon, Thomas K. Lee, Jessica L. Hicks, Angelo M. De Marzo, Alan K. Meeker, and Elizabeth A. Platz

- 743** Beneficial Regulation of Metabolic Profiles by Black Raspberries in Human Colorectal Cancer Patients
Pan Pan, Chad W. Skaer, Steven M. Stirdivant, Matthew R. Young, Gary D. Stoner, John F. Lechner, Yi-Wen Huang, and Li-Shu Wang

- 751** Estrogen Protects against Obesity-Induced Mammary Gland Inflammation in Mice
Priya Bhardwaj, Baoheng Du, Xi Kathy Zhou, Erika Sue, Dilip Giri, Michael D. Harbus, Domenick J. Falcone, Clifford A. Hudis, Kotha Subbaramaiah, and Andrew J. Dannenberg

LETTER TO THE EDITOR

- 760** Metformin Use and Lung Cancer Risk—Letter
Michihiro Mutoh and Hideki Ishikawa

Table of Contents

ABOUT THE COVER

China has made major strides in studying the epidemiology and etiology of the traditionally prevalent cancers since 1970s. As illustrated on the cover image, there are noted high-incidence areas of major cancers such as those of stomach, liver, esophagus, lung, cervix and nasopharynx in China. Research in these areas have made important contributions to the prevention of these cancers, and the age-standardized incidence rates of most of these cancers have decreased. However, with the dramatic lifestyle and environmental changes in the past 30 years associated with rapid economic development, China is facing a serious challenge from both the still-prevalent traditional cancers and new emerging cancers, especially those of the lung, colon and breast. In 2012, there were 3.07 million new cancer cases and 2.21 million cancer deaths in China, and the numbers are expected to increase to 5 and 3.86 million, respectively, by 2030. Much more research and practical measures are needed for the prevention of cancer. For more information about the past achievements and present needs in cancer prevention research in China, see the article by S. Yu and C.S. Yang et al. (beginning on page 662).



Cancer Prevention Research

8 (8)

Cancer Prev Res 2015;8:657-760.

Updated version Access the most recent version of this article at:
<http://cancerpreventionresearch.aacrjournals.org/content/8/8>

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/8/8>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.