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- 337** **Bitter Melon Enhances Natural Killer–Mediated Toxicity against Head and Neck Cancer Cells**  
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- 345** **Bioactivity of Oral Linaclotide in Human Colorectum for Cancer Chemoprevention**  
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- 355** **Combined Genetic Biomarkers and Betel Quid Chewing for Identifying High-Risk Group for Oral Cancer Occurrence**

Chia-Min Chung, Chien-Hung Lee, Mu-Kuan Chen, Ka-Wo Lee, Cheng-Che E. Lan, Aij-Lie Kwan, Ming-Hsui Tsai, and Ying-Chin Ko

- 363** **A Presurgical Study of Lecithin Formulation of Green Tea Extract in Women with Early Breast Cancer**

Matteo Lazzeroni, Aliana Guerrieri-Gonzaga, Sara Gandini, Harriet Johansson, Davide Serrano, Massimiliano Cazzaniga, Valentina Aristarco, Debora Macis, Serena Mora, Pietro Caldarella, Gianmatteo Pagani, Giancarlo Pruneri, Antonella Riva, Giovanna Petrangolini, Paolo Morazzoni, Andrea DeCensi, and Bernardo Bonanni

## CORRECTION

- 371** **Correction: New Perspectives of Curcumin in Cancer Prevention**

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## ABOUT THE COVER

There are approximately 150,000 new cases of colorectal cancer (CRC) in the United States annually. Even with improvements in screening, early detection, and treatment, CRC remains the second leading cause of cancer-related mortality in this country. Chemoprevention for many common human cancers remains an elusive goal despite substantial research efforts. Non-steroidal anti-inflammatory agents, including aspirin, do offer some protection against colorectal neoplasia, however, the risk/benefit ratio associated with these drugs argues against their regular use for chemoprevention alone. Therefore, identification of new CRC chemopreventive agents is needed. In this issue, the proposed anti-neoplastic mechanism of action for linaclotide is explored (see article by Weinberg et al.; beginning on page 345). Compared to placebo, oral linaclotide administered to healthy humans reduces colorectal crypt proliferation quantified by Ki67 immunohistochemistry (as represented in an adaptation of Figure 4). This effect was seen in endoscopically obtained colonic mucosal specimens from cecum to rectum. As linaclotide has been approved by the FDA to treat constipation, with an excellent safety record to date, this article considers future steps required to develop an optimized formulation for CRC chemoprevention.



# Cancer Prevention Research

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