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Helicobacter pylori

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W. Gao, J. Li, G. Yang, S. Du, T. Ling, X. Zhang, H. Ye, Y. Xiong, Y. Tian, J. Liu, B. Liu, C. Wang, and H. Cheng

A simplified treatment combining vonoprazan and tetracycline successfully cleared *Helicobacter pylori* in patients whose previous therapies had failed. It worked as well as standard 4-drug regimens but caused fewer adverse effects, offering a more comfortable option for patients.

GI Cancer

1484 Targeting APE1-Redox Function Reverses SOX9-mediated Chemoresistance in Esophageal Adenocarcinoma

H. Lu, F. Ballout, L. Chen, D. Peng, Z. Chen, M. Soutto, L. Cao, K. Thangaretnam, R. C. Gokulan, T. C. Wang, J. Que, S. Giordano, M. K. Washington, X. S. Chen, X. Sun, Y. Ban, O. G. McDonald, A. Zaika, and W. El-Rifai

Our study shows that apurinic/apyrimidinic endonuclease–redox function drives SRY-Box Transcription Factor 9 activation under reflux and chemotherapy stress, offering a promising therapeutic strategy to target the “undruggable” SRY-Box Transcription Factor 9 transcriptional network to overcome both intrinsic and acquired chemoresistance.

1501 Revealing the Antagonistic Interactions of *Faecalibacterium prausnitzii* and *Bacteroides fragilis* in Colorectal Cancer

C. Kong, Y. Jin, F. Guo, Y. Yang, G. Liu, Z. Chen, J. Li, Q. Wang, and Y. Ma

A gut microbe converts tryptophan into an anticancer compound, picolinic acid, which counteracts a cancer-promoting bacteria, revealing a potential dietary therapy.

1518 Effect of a Computer-Aided Device for Detecting Gastric Neoplasms: A Multicenter, Randomized Controlled Trial

Z. Dong, L. Wu, H. Du, X. Tao, J. Wang, X. Zeng, Y. Zhu, S. Tan, J. Wang, M. Deng, T. Yang, C. Chen, L. Wen, Y. Li, C. Jiang, C. Tang, Y. Wang, Z. Zhao, Q. Wang, H. Yu, C. Chen, Y. Ai, J. Pan, F. Chen, Q. Guo, X. Mao, J. Li, H. Pang, J. Hao, Y. Jiao, Q. Wang, H. Zhang, S. Ye, T. Dang, L. Yu, S. Hu, W. Zhou, Y. Deng, Y. Li, B. Chen, B. Xiao, J. Liu, J. Qin, T. Zhang, T. Bu, J. Shi, Y. Wang, H. Zhang, J. Lin, L. Jin, J. Yu, B. Tang, X. Tan, L. Yu, and H. Yu

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In this multicenter, large-scale trial, artificial intelligence did not increase the detection of gastric neoplasms. More real-world research is needed to understand when and how artificial intelligence can best support endoscopy.

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The present cost-effectiveness analysis favored endoscopic submucosal dissection over transanal endoscopic microsurgery. The study design was chosen to simultaneously assess the clinical effectiveness and the economic relevance of each procedure.

Inflammatory Bowel Disease

1546 Quorum-Sensing Molecules Are Elevated in Long-Standing Ulcerative Colitis and Are Linked to the Development of Colitis-Associated Cancer

G. O'Connor, H. Hazime, J. F. Burgueño, I. Fernández, A. M. Santander, N. Brito, K. M. Faust, Y. Ban, M. A. Quintero, S. K. Deo, M. T. Abreu, and S. Daunert

The authors found that a bacterial quorum sensing molecule (C6-scAHL) is elevated in ulcerative colitis patients with risk factors for colitis-associated cancer and may link the gut microbiome to cancer development.

1562 Darvadstrocel in Patients With Crohn's Disease With Complex Perianal Fistulas: The ADMIRE CD II Phase 3 Randomized Trial

J.-F. Colombel, D. Garcia Olmo, S.-T. Chen, Z. Serclova, D. A. Schwartz, S. D. Wexner, J. Panés, C. Wu, B. Zhang, M. Song, C. McKay, P. Nazarey, E. Wright, L. Raffals, and P. Fleshner

See editorial on page 1446.

In patients with Crohn's disease who have complex perianal fistulas, there was no difference in fistula healing between patients treated with darvadstrocel, a stem cell therapy, or placebo.

Hepatobiliary

1571 Multicenter Prospective Cohort Study on Clinical Outcomes and Fibrosis Patterns in Biopsy-Proven Steatotic Liver Disease Subtypes

G.-A. Kim, H. Jang, M. Y. Kim, J. H. Park, J. G. Park, E.-Y. Cho, J. Y. Jeong, S. Jeong, S. K. Han, H. Kwon, Y. Jung, G.-S. Hwang, Y. R. Lee, S. Y. Park, S. G. Kim, and W. Kim

In this biopsy-based study of 2551 patients, metabolic dysfunction and alcohol-related liver disease and alcohol-associated liver disease were associated with increased all-cause mortality and liver-related events, with artificial intelligence-based analysis revealing distinct collagen accumulation patterns across different steatotic liver disease subtypes.

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Celiac Disease

- 1600 A Prospective Study of Gluten Transfer Through Kissing in Celiac-Discordant Couples**
A. R. Lee, Z. Chen, J. Jossen, J. Lebovits, B. Lebwohl, S. K. Lewis, S. Krishnareddy, R. L. Wolf, L. Emerson, and P. H. R. Green

This study reports minimal transfer of gluten through kissing. The risk can be minimized further by the partner without celiac disease drinking water before the kiss.

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