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- 46** Rome Foundation Working Team Report on Post-Infection Irritable Bowel Syndrome
E. G. Barbara, M. Grover, P. Bercik, M. Corsetti, U. C. Ghoshal, L. Ohman, and M. Rajilić-Stojanović

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This systematic review presents an evidence-based definition, diagnosis and treatment approach of post-infection functional gastrointestinal disorders.

- 59** Race/Ethnicity-, Socioeconomic Status-, and Anatomic Subsite-Specific Risks for Gastric Cancer
S. Gupta, L. Tao, J. D. Murphy, M. C. Camargo, E. Oren, M. A. Valasek, S. L. Gomez, and M. E. Martinez

Risk for incident gastric cardia cancer was higher among non-Hispanic whites, and did not vary substantially by SES, while risk for incident gastric non-cardia cancer was higher among racial/ethnic minorities, and was associated with low SES.

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Modifiable Failures in the Colorectal Cancer Screening Process and Their Association With Risk of Death

C. A. Doubeni, S. A. Fedewa, T. R. Levin, C. D. Jensen, C. Saia, A. M. Zebrowski, V. P. Quinn, K. A. Rendle, A. G. Zauber, T. A. Becerra-Culqui, S. J. Mehta, R. H. Fletcher, J. Schottinger, and D. A. Corley

Most deaths from colorectal cancer are preventable. The majority of people dying from colorectal cancer were not screened, did not stay current on screening, or did complete recommended follow-up evaluations after an abnormal screening test.

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Accuracy of the Narrow-Band Imaging International Colorectal Endoscopic Classification System in Identification of Deep Invasion in Colorectal Polyps

I. Puig, M. López-Cerón, A. Arnau, Ò. Rosiñol, M. Cuatrecasas, A. Herreros-de-Tejada, Á. Ferrández, M. Serra-Burriel, Ò. Nogales, F. Vida, L. de Castro, J. López-Vicente, P. Vega, M. A. Álvarez-González, J. González-Santiago, M. Hernández-Conde, P. Díez-Redondo, L. Rivero-Sánchez, A. Z. Gimeno-García, A. Burgos, F. J. García-Alonso, M. Bustamante-Balén, E. Martínez-Bauer, B. Peñas, and M. Pellise, on behalf of the EndoCAR group, Spanish Gastroenterological Association and the Spanish Digestive Endoscopy Society

Colon polyps > 10 mm, evaluated as NICE 1 or 2 without depressed areas or nodular mixed type are endoscopically resectable, while those evaluated as NICE 3 with ulceration are not recommended for endoscopic resection alone.

Clinical—Liver

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Factors Associated With Histologic Response in Adult Patients With Nonalcoholic Steatohepatitis

R. Loomba, A. J. Sanyal, K. V. Kowdley, N. Terrault, N. P. Chalasani, M. F. Abdelmalek, A. J. McCullough, R. Shringarpure, B. Ferguson, L. Lee, J. Chen, A. Liberman, D. Shapiro, and B. A. Neuschwander-Tetri

Baseline and during-treatment patient characteristics and laboratory tests may predict who will successfully decrease liver inflammation and damage in patients treated for NASH.

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Factors Associated With Recurrence of Primary Biliary Cholangitis After Liver Transplantation and Effects on Graft and Patient Survival

A. J. Montano-Loza, B. E. Hansen, C. Corpechot, D. Roccarina, D. Thorburn, P. Trivedi, G. Hirschfield, P. McDowell, R. Poupon, J. Dumortier, A. Bosch, E. Giostria, F. Conti, A. Parés, A. Reig, A. Floreani, F. P. Russo, J. C. Goet, M. H. Harms, H. van Buuren, N. Van den Ende, F. Nevens, X. Verhelst, M. F. Donato, F. Malinverno, M. Ebadi, and A. L. Mason, on behalf of the Global PBC Study Group

A younger age at the time of diagnosis and liver transplantation, tacrolimus use, and severe cholestasis within the first 6-month after LT are associated with an increased risk of recurrence of PBC after transplant. Recurrence of PBC was associated with worse graft and overall survival after transplant.

Clinical—Pancreas

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Circulating Nucleic Acids Are Associated With Outcomes of Patients With Pancreatic Cancer

V. Bernard, D. U. Kim, F. A. San Lucas, J. Castillo, K. Allenson, F. C. Mulu, B. M. Stephens, J. Huang, A. Semaan, P. A. Guerrero, N. Kamyabi, J. Zhao, M. W. Hurd, E. J. Koay, C. M. Taniguchi, J. M. Herman, M. Javle, R. Wolff, M. Katz, G. Varadhachary, A. Maitra, and H. A. Alvarez

Tiny amounts of cancer DNA, circulating in the bloodstream, may provide a minimally invasive "liquid biopsy" to inform more effective, customized treatments in pancreatic cancer.

Clinical—Biliary

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Unplanned Hospital Encounters After Endoscopic Retrograde Cholangiopancreatography in 3 Large North American States

R. J. Huang, M. T. Barakat, M. Girotra, J. S. Lee, and S. Banerjee

ERCP quality and outcomes vary substantially by location; adoption of volume-based thresholds may lead to quality improvement.

Basic and Translational—Alimentary Tract

- 130 Acidic Bile Salts Induce Epithelial to Mesenchymal Transition via VEGF Signaling in Non-Neoplastic Barrett's Cells**
Q. Zhang, A. T. Agoston, T. H. Pham, W. Zhang, X. Zhang, X. Huo, S. Peng, M. Bajpai, K. Das, R. D. Odze, S. J. Spechler, and R. F. Souza
Barrett's esophagus cells exposed to acid and bile can migrate into deep layers of the esophagus where they cannot be seen by endoscopic techniques.
- 145 Epithelial RNase H2 Maintains Genome Integrity and Prevents Intestinal Tumorigenesis in Mice**
K. Aden, K. Bartsch, J. Dahl, M. A. M. Reijns, D. Esser, R. Sheibani-Tezerji, A. Sinha, F. Wottawa, G. Ito, N. Mishra, K. Knittler, A. Burkholder, L. Welz, J. van Es, F. Tran, S. Lipinski, N. Kakavand, C. Boeger, R. Lucius, W. von Schoenfels, C. Schafmayer, L. Lenk, A. Chalaris, H. Clevers, C. Röcken, C. Kaleta, S. Rose-John, S. Schreiber, T. Kunkel, B. Rabe, and P. Rosenstiel
The study evaluated a new animal model, to study how cells repair their genetic code, using RNase H2, and how this may influence the risk for aggressive colorectal cancers.
- 160 Tropism for Spasmolytic Polypeptide-Expressing Metaplasia Allows *Helicobacter pylori* to Expand Its Intragastric Niche**
J. B. Sáenz, N. Vargas, and J. C. Mills
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- 175 Serologic Response to *Helicobacter pylori* Proteins Associated With Risk of Colorectal Cancer Among Diverse Populations in the United States**
J. Butt, M. G. Varga, W. J. Blot, L. Teras, K. Visvanathan, L. Le Marchand, C. Haiman, Y. Chen, Y. Bao, H. D. Sesso, S. Wassertheil-Smoller, G. Y. F. Ho, L. E. Tinker, R. M. Peek, J. D. Potter, T. L. Cover, L. H. Hendrix, L.-C. Huang, T. Hyslop, C. Um, F. Grodstein, M. Song, A. Zeleniuch-Jacquotte, S. Berndt, A. Hildesheim, T. Waterboer, M. Pawlita, and M. Epplein
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- 187 Hdac1 Regulates Differentiation of Bipotent Liver Progenitor Cells During Regeneration via Sox9b and Cdk8**
S. Ko, J. O. Russell, J. Tian, C. Gao, M. Kobayashi, R. Feng, X. Yuan, C. Shao, H. Ding, M. Poddar, S. Singh, J. Locker, H.-L. Weng, S. P. Monga, and D. Shin
Hdac1 regulates the differentiation of liver progenitor cells into hepatocytes by repressing *sox9b* expression (Hdac1-Sox9 axis) and their differentiation into biliary epithelial cells by repressing *cdk8* expression (Hdac1-Cdk8-Fbxw7-Notch3 axis).

Basic and Translational—Pancreas

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K. Görgülü, K. N. Diakopoulos, J. Ai, B. Schoeps, D. Kabacaoglu, A.-F. Karpathaki, K. J. Ciecielski, E. Kaya-Aksøy, D. A. Ruess, A. Berninger, M. Kowalska, M. Stevanovic, S. M. Wörmann, T. Wartmann, Y. Zhao, W. Halangk, S. Voronina, A. Tepikin, A. M. Schlitter, K. Steiger, A. Artati, J. Adamski, M. Aichler, A. Walch, M. Jastroch, G. Hartleben, C. S. Mantzoros, W. Weichert, R. M. Schmid, S. Herzig, A. Krüger, B. Sainz Jr, M. Lesina, and H. Algül
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The study evaluates, in mice and patients, how manipulating the normal pathways through which cells die and are destroyed, called "autophagy," might influence pancreatic cancer development and potential treatments.

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