

Publisher: *Gastroenterology* (ISSN 0016-5085) is published monthly (semi-monthly in April) in two indexed volumes by Elsevier Inc, 230 Park Avenue, New York, NY 10169-0901, USA. Periodicals postage paid at New York, NY and additional mailing offices. **POSTMASTER:** Send address changes to Elsevier, Journal Returns, 450 Fame Avenue, Hanover, PA 17331, USA. 2025 US subscription rates: individual, \$848.00; student and resident, \$323.00. Outside of the U.S. and possessions: individual, \$1026.00; student and resident, \$596.00; surface delivery, no additional charge; air mail delivery, add \$78.00. Prices subject to change without notice.

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- 508 Creeping Fat-Derived Free Fatty Acids Induce Hyperplasia of Intestinal Muscularis Propria Muscle Cells: A Novel Link Between Fat and Intestinal Stricture Formation in Crohn's Disease**

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Understanding why the intestinal muscle layer in Crohn's disease strictures thickens and how creeping fat and the muscle layer interact with each other can help identify a potential novel treatment target.

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The authors conducted multi-cohort analyses to identify signature gut archaea species in colorectal cancer, and these archaea, combined with bacteria, are potential biomarkers for a noninvasive diagnosis of colorectal cancer.

539 Hypoxic and Acidic Tumor Microenvironment-Driven AVL9 Promotes Chemoresistance of Pancreatic Ductal Adenocarcinoma via the AVL9-I κ B α -SKP1 Complex

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Edotecarin is capable of overcoming the chemotherapy resistance of gemcitabine combined with albumin-paclitaxel (Abraxane) regimen induced by hypoxic and acidic tumor microenvironments through targeting AVL9, thereby enhancing the therapeutic effects of gemcitabine combined with albumin-paclitaxel (Abraxane) in pancreatic cancer.

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An integrative molecular and clinical variable-based score, PAaM, was validated for prediction of hepatocellular carcinoma risk in 2 independent prospective statewide and nationwide multicenter cohorts of patients with cirrhosis.

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