



Caption: Baobab trees at a beautiful sunset in Kenya. Kenya is the setting for a very important clinical trial assessing the effects of prebiotics on the gut microbiome in infants. Read inside this month's issue of Gut.

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**Leading article**

**1873** Cholangiocytes and the environment in primary sclerosing cholangitis: where is the link?



S P O'Hara, T H Karlsen, N F LaRusso

**Commentaries**

**1878** Neutrophils diminish T-cell immunity to foster gastric cancer progression: the role of GM-CSF/PD-L1/PD-1 signalling pathway



X Zhang, W Xu

**1881** Improving iron supplements: cooking with GOS

H Drakesmith, S J Allen

**1883** Inulin prebiotic: is it all about bifidobacteria?

S P Claus

**1884** Race-specific differences in mucosal sulfidogenic bacteria modify colon cancer risk

J Kinross

**Guidelines**

**1886** Quality standards in upper gastrointestinal endoscopy: a position statement of the British Society of Gastroenterology (BSG) and Association of Upper Gastrointestinal Surgeons of Great Britain and Ireland (AUGIS)



S Beg, K Ragunath, A Wyman, M Banks, N Trudgill, M D Pritchard, S Riley, J Anderson, H Griffiths, P Bhandari, P Kaye, A Veitch

**Stomach**

**1900** Tumour-activated neutrophils in gastric cancer foster immune suppression and disease progression through GM-CSF-PD-L1 pathway



T Wang, Y Zhao, L Peng, N Chen, W Chen, Y Lv, F Mao, J Zhang, P Cheng, Y Teng, X Fu, P Yu, G Guo, P Luo, Y Zhuang, Q Zou

**Inflammatory bowel disease**

**1912** Ulcerative proctitis is a frequent location of paediatric-onset UC and not a minor disease: a population-based study

A Hochart, C Gower-Rousseau, H Sarter, M Fumery, D Ley, C Spyckerelle, L Peyrin-Biroulet, J-E Labereanne, F Vasseur, G Savoye, D Turck, on Behalf of Epimad Group

**1918** Anti-NKG2D monoclonal antibody (NNC0142-0002) in active Crohn's disease: a randomised controlled trial  
M Allez, B E Skolnick, M Wisniewska-Jarosinska, R Petryka, R V Overgaard

**1926** A coding variant in *FTO* confers susceptibility to thiopurine-induced leukopenia in East Asian patients with IBD

H S Kim, J H Cheon, E S Jung, J Park, S Aum, S J Park, S Eun, J Lee, U Rüther, G S H Yeo, M Ma, K S Park, T Naito, Y Kakuta, J H Lee, W H Kim, M G Lee

**1936** Blockade of  $\alpha E\beta 7$  integrin suppresses accumulation of CD8<sup>+</sup> and Th9 lymphocytes from patients with IBD in the inflamed gut in vivo

S Zundler, D Schillinger, A Fischer, R Atreya, R López-Posadas, A Watson, C Neufert, I Atreya, M F Neurath

**Endoscopy**

**1949** Full-spectrum (FUSE) versus standard forward-viewing colonoscopy in an organised colorectal cancer screening programme

C Hassan, C Senore, F Radaelli, G De Pretis, R Sassatelli, A Arrighini, G Manes, A Amato, A Anderloni, F Armelao, A Mondardini, C Spada, B Omazzi, M Cavina, G Miori, C Campanale, G Sereni, N Segnan, A Repici

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**Gut microbiota**

- 1956** Prebiotic galacto-oligosaccharides mitigate the adverse effects of iron fortification on the gut microbiome: a randomised controlled study in Kenyan infants



*D Paganini, M A Uyoga, G A M Kortman, C I Cercamondi, D Moretti, T Barth-Jaeggi, C Schwab, J Boekhorst, H M Timmerman, C Lacroix, S Karanja, M B Zimmermann*

- 1968** Prebiotic inulin-type fructans induce specific changes in the human gut microbiota



*D Vandeputte, G Falony, S Vieira-Silva, J Wang, M Sailer, S Theis, K Verbeke, J Raes*

**Colon**

- 1975** A randomised comparison of two faecal immunochemical tests in population-based colorectal cancer screening

*E J Grobbee, M van der Vlugt, A J van Vuuren, A K Stroobants, M W Mundi, W J Spijker, E J C Bongers, E J Kuipers, I Lansdorp-Vogelaar, P M Bossuyt, E Dekker, M C W Spaander*

- 1983** Race-dependent association of sulfidogenic bacteria with colorectal cancer

*C Yazici, P G Wolf, H Kim, T-W L Cross, K Vermillion, T Carroll, G J Augustus, E Mutlu, L Tussing-Humphreys, C Braunschweig, R M Xicola, B Jung, X Llor, N A Ellis, H R Gaskins*

**Pancreas**

- 1995** Epithelial NEMO/IKK $\gamma$  limits fibrosis and promotes regeneration during pancreatitis

*L K Chan, M Gerstenlauer, B Konukiewitz, K Steiger, W Weichert, T Wirth, H J Maier*

**Hepatology**

- 2008** Efficacy and safety of sofosbuvir plus simeprevir therapy in Egyptian patients with chronic hepatitis C: a real-world experience

*H R El-Khayat, Y M Fouad, M Maher, H El-Amin, H Muhammed*

- 2013** Deep sequencing shows that HBV basal core promoter and precore variants reduce the likelihood of HBsAg loss following tenofovir disoproxil fumarate therapy in HBeAg-positive chronic hepatitis B

*J Bayliss, L Yuen, G Rosenberg, D Wong, M Littlejohn, K Jackson, A Gaggar, K M Kitrinis, G M Subramanian, P Marcellin, M Buti, H L A Janssen, E Gane, V Sozzi, D Colledge, R Hammond, R Edwards, S Locarnini, A Thompson, P A Revill*

**Recent advances in clinical practice**

- 2024** Acute pancreatitis: recent advances through randomised trials

*S M van Dijk, N D L Hallensleben, H C van Santvoort, P Fockens, H van Goor, M J Bruno, M G Besselink, for the Dutch Pancreatitis Study Group*

**JournalScan**

- 2033** GI highlights from the literature

*M H McLean*

**PostScript**

- 2036** Letters

**Editor's quiz: GI snapshot**

- 1911** Rare cause of abdominal pain and fever in a pregnant woman

*S Hillaire, J-E Kahn, O Picone, D Cazals-Hatem*

**Correction**

- 2012** Erratum: *Deletion of Men1 and somatostatin induces hypergastrinemia and gastric carcinoids*



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