



Caption: St. Anne's Column in the charming city of Innsbruck, Austria. Read in this issue the excellent review on gut microbiome and liver disease.

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Editorial Office

Gut

BMJ Journals

BMA House, Tavistock Square

London, WC1H 9JR, UK

T: +44 (0)20 7383 6394

F: +44 (0)20 7383 6668

E: info.gut@bmj.com

Twitter: [@Gut_BMJ](https://twitter.com/Gut_BMJ)

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Commentary

1921 Non-coeliac gluten sensitivity: are we closer to separating the wheat from the chaff?

M I Pinto-Sánchez, E F Verdú

Guidelines

1923 UK key performance indicators and quality assurance standards for colonoscopy



C J Rees, S T Gibson, M D Rutter, P Baragwanath, R Pullan, M Feeney, N Haslam, on behalf of: the British Society of Gastroenterology, the Joint Advisory Group on GI Endoscopy, the Association of Coloproctology of Great Britain and Ireland

Small bowel

1930 Intestinal cell damage and systemic immune activation in individuals reporting sensitivity to wheat in the absence of coeliac disease



M Uhde, M Ajamian, G Caio, R De Giorgio, A Indart, P H Green, E C Verna, U Volta, A Alaèdini

Inflammatory bowel disease

1938 miR-301a promotes intestinal mucosal inflammation through induction of IL-17A and TNF- α in IBD

C He, Y Shi, R Wu, M Sun, L Fang, W Wu, C Liu, M Tang, Z Li, P Wang, Y Cong, Z Liu

Neurogastroenterology

1951 Biomarkers for bile acid diarrhoea in functional bowel disorder with diarrhoea: a systematic review and meta-analysis

N Valentin, M Camilleri, O Altayar, P Vijayvargiya, A Acosta, A D Nelson, M H Murad

GI cancer

1960 SETD2 histone modifier loss in aggressive GI stromal tumours

K K Huang, J R McPherson, S T Tay, K Das, I B Tan, C C Y Ng, N-Y Chia, S L Zhang, S S Myint, L Hu, V Rajasegaran, D Huang, J L Loh, A Gan, A N H Sairi, X X Sam, L T Dominguez, M Lee, K C Soo, L L P J Ooi, H S Ong, A Chung, Pierce Kah-Hoe Chow, W K Wong, S Selvarajan, C K Ong, K H Lim, T Nandi, S Rozen, B T Teh, R Quek, P Tan

Colon

1973 *Fusobacterium nucleatum* in colorectal carcinoma tissue and patient prognosis

K Mima, R Nishihara, Z R Qian, Y Cao, Y Sukawa, J A Nowak, J Yang, R Dou, Y Masugi, M Song, A D Kostic, M Giannakis, S Bullman, D A Milner, H Baba, E L Giovannucci, L A Garraway, G J Freeman, G Dranoff, W S Garrett, C Huttenhower, M Meyerson, J A Meyerhardt, A T Chan, C S Fuchs, S Ogino

Pancreas

1981 Metal or plastic stents for preoperative biliary drainage in resectable pancreatic cancer

J A M G Tol, J E van Hoofi, R Timmer, F J G M Kubben, E van der Harst, I H J T de Hingh, F P Vleggaar, I Q Molenaar, Y C A Keulemans, D Boerma, M J Bruno, E J Schoon, N A van der Gaag, M G H Besselink, P Fockens, T M van Gulik, E A J Rauws, O R C Busch, D J Gouma

Hepatology

1988 HVR1-mediated antibody evasion of highly infectious in vivo adapted HCV in humanised mice



J Prentoe, L Verhoye, R V Moctezuma, C Buysschaert, A Farhoudi, R Wang, H Alter, P Meuleman, J Bukh

1998 Lack of Siglec-7 expression identifies a dysfunctional natural killer cell subset associated with liver inflammation and fibrosis in chronic HCV infection

S Varchetta, D Mele, A Lombardi, B Oliviero, S Mantovani, C Tinelli, M Spreafico, D Prati, S Ludovisi, G Ferraioli, C Filice, A Aghemo, P Lampertico, F Facchetti, F Bernuzzi, P Invernizzi, M U Mondelli

2007 Natural history of chronic HBV infection in West Africa: a longitudinal population-based study from The Gambia

Y Shimakawa, M Lemoine, H F Njai, C Bottomley, G Ndow, R D Goldin, A Jatta, A Jeng-Barry, R Wegmuller, S E Moore, I Baldeh, M Taal, U D Alessandro, H Whittle, R Njie, M Thursz, M Mendy

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2017 Host cell mTORC1 is required for HCV RNA replication

OPEN ACCESS

S Stöhr, R Costa, L Sandmann, S Westhaus, S Pfaender, Anggakusuma, E Dazert, P Meuleman, F W R Vondran, M P Manns, E Steinmann, T von Hahn, S Ciesek

2029 Targeting a host-cell entry factor barricades antiviral-resistant HCV variants from on-therapy breakthrough in human-liver mice

K Vercauteren, R J P Brown, A A Mesalam, J Doerrbecker, S Bhujji, R Geffers, N V D Eede, C P McClure, F Troise, L Verhoye, T Baumert, A Farhoudi, R Cortese, J K Ball, G Leroux-Roels, T Pietschmann, A Nicosia, P Meuleman

Recent advances in basic science**2035** Gut microbiome and liver diseases

EDITOR'S CHOICE

H Tilg, P D Cani, E A Mayer

Recent advances in clinical practice**2045** Expert opinions and scientific evidence for colonoscopy key performance indicators

OPEN ACCESS

C J Rees, R Bevan, K Zimmermann-Fraedrich, M D Rutter, D Rex, E Dekker, T Ponchon, M Bretthauer, J Regula, B Saunders, C Hassan, M J Bourke, T Rösch

JournalScan**2061** GI highlights from the literature

M H McLean

Editor's quiz: GI snapshot**1959** Identifying the 'Right' colon lesion

A D Hopper, P D Mooney, A Blakeborough

Correction

2060 Erratum: Daclatasvir plus sofosbuvir, with or without ribavirin, achieved high sustained virological response rates in patients with HCV infection and advanced liver disease in a real-world cohort