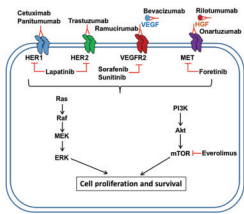


Journal of Medical Genetics

May 2017 Volume 54 Issue 5

JMG

Journal of Medical Genetics



jmg.bmj.com

BMJ

Cover credit: Targeting signaling pathways in gastric cancer from Zhang *et al.*, pg. 308.



Adopted as the official Journal of the Canadian College of Medical Geneticists

Contents

April 2017 Volume 54 Issue 5

Cancer genetics

297 Outcome of 24 years national surveillance in different hereditary colorectal cancer subgroups leading to more individualised surveillance

L J Lindberg, S Ladelund, B L Frederiksen, L Smith-Hansen, I Bernstein

305 Gastric cancer: somatic genetics as a guide to therapy

X-y Zhang, P-y Zhang

Complex traits

313 A genome-wide interaction analysis of tricyclic/tetracyclic antidepressants and RR and QT intervals: a pharmacogenomics study from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium

R Noordam, C M Sitalani, C L Avery, J D Stewart, S M Gogarten, K L Wiggins, S Trompet, H R Warren, F Sun, D S Evans, X Li, J Li, A V Smith, J C Bis, J A Brody, E L Busch, M J Caulfield, Y-D I Chen, S R Cummings, L A Cupples, Q Duan, O H Franco, R Méndez-Giráldez, T B Harris, S R Heckbert, D van Heemst, A Hofman, J S Floyd, J A Kors, L J Launer, Y Li, R Li-Gao, L A Lange, H J Lin, R de Mutsert, M D Napier, C Newton-Cheh, N Poulter, A P Reiner, K M Rice, J Roach, C J Rodriguez, F R Rosendaal, N Sattar, P Sever, A A Seyerle, P E Slagboom, E Z Soliman, N Sotoodehnia, D J Stott, T Stürmer, K D Taylor, T A Thornton, A G Uitterlinden, K C Wilhelmssen, J G Wilson, V Gudnason, J W Jukema, C C Laurie, Y Liu, D O Mook-Kanamori, P B Munroe, J I Rotter, R S Vasani, B M Psaty, B H Stricker, E A Whitsel

Epigenetics

324 No correlation between mtDNA amount and methylation levels at the CpG island of *POLG* exon 2 in wild-type and mutant human differentiated cells

J Steffann, A Pouliet, H Adjal, C Bole, C Fourrage, J Martinovic, L Rolland-Galmiche, A Rotig, F Tores, A Munnich, J-P Bonnefont

Functional genomics

330 ACBD5 deficiency causes a defect in peroxisomal very long-chain fatty acid metabolism

S Ferdinandusse, K D Falkenberg, J Koster, P A Mooyer, R Jones, C W T van Roermund, A Pizzino, M Schrader, R J A Wanders, A Vanderver, H R Waterham

Genotype-phenotype correlations

338 Single synonymous mutation in factor IX alters protein properties and underlies haemophilia B

V L Simhadri, N Hamasaki-Katagiri, B C Lin, R Hunt, S Jha, S C Tseng, A Wu, A A Bentley, R Zichel, Q Lu, L Zhu, D I Freedberg, D M Monroe, Z E Sauna, R Peters, A A Komar, C Kimchi-Sarfaty

346 Compound heterozygosity for severe and hypomorphic *NDUFS2* mutations cause non-syndromic LHON-like optic neuropathy

S Gerber, M G Ding, X Gérard, K Zwicker, X Zanlonghi, M Rio, V Serre, S Hanein, A Munnich, A Rotig, L Bianchi, P Amati-Bonneau, O Elpeleg, J Kaplan, U Brandt, J-M Rozet

Genome-wide studies

358 Genome-wide association study identifies variants in *HORMAD2* associated with tonsillectomy

B Feenstra, P Bager, X Liu, H Hjalgrim, E A Nohr, D M Hougaard, F Geller, M Melbye

Telomere biology

365 Decreased telomere length in children with cartilage-hair hypoplasia

S Kostjukoviits, S Degerman, M Pekinen, P Klemetti, M Landfors, G Roos, M Taskinen, O Mäkitie



EDITOR'S CHOICE

This article has been chosen by the Editor to be of special interest or importance and is freely available online.



OPEN ACCESS

This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://authors.bmj.com/open-access/>



Member since 2008 JM00012

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics <http://publicationethics.org/>



MCQs The online version of this article contains multiple choice questions hosted on BMJ Learning.



54 (5)

J Med Genet 2017 54: 297-370

Updated information and services can be found at:
<http://jmg.bmj.com/content/54/5>

These include:

**Email alerting
service**

Receive free email alerts when new articles cite this article. Sign up in the box at the top right corner of the online article.

Notes

To request permissions go to:
<http://group.bmj.com/group/rights-licensing/permissions>

To order reprints go to:
<http://journals.bmj.com/cgi/reprintform>

To subscribe to BMJ go to:
<http://group.bmj.com/subscribe/>