



Guidelines for Authors and Reviewers

Full instructions are available online at http://jim.bmj.com/sites/default/files/misc/JIM_Information_for_Authors.pdf. Articles must be submitted electronically <http://mc.manuscriptcentral.com/investigativemed>.

Disclaimer:

While every effort is made to ensure that no inaccurate or misleading data, opinions or statements appear in this journal, the publisher and the American Federation for Medical Research (AFMR) wish to make clear that the data and opinions appearing in the articles and advertisements herein are the responsibility of the contributor or advertiser concerned.

Accordingly, BMJ, the AFMR, the editorial board and their respective employees, officers and agents, accept no liability whatsoever for the consequences of any such inaccuracies or misleading data, opinion or statement.

Copyright:

© 2017 American Federation for Medical Research. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any electronic, mechanical, photocopying, recording or otherwise without the prior permission of *Journal of Investigative Medicine (JIM)*. JIM (ISSN: 1081-5589) is owned by the AFMR and published by BMJ Publishing Group Ltd. The journal publishes eight times a year and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica, NY 11431. POSTMASTER: send address changes to *Journal of Investigative Medicine* Air Business Ltd, c/o Worldnet Shipping Inc. 156-15, 146th Avenue 2nd Floor, Jamaica, NY 11434, USA

Contents

Volume 65 Issue 8 | JIM December 2017

Experimental biology symposia

- 1089** Microtubules-associated Rac regulation of endothelial barrier: a role of Asef in acute lung injury
P Karki, A A Birukova

Reviews

- 1093** Wnt signaling and podocyte dysfunction in diabetic nephropathy
M Bose, S Almas, S Prabhakar
- 1102** Influence of dietary macronutrients on liver fat accumulation and metabolism
S A Parry, L Hodson



Original research

- 1116** Homology modeling of FFA2 identifies novel agonists that potentiate insulin secretion
S R Villa, R K Mishra, J L Zapater, M Priyadarshini, A Gilchrist, H Mancebo, G E Schiltz, B T Layden
- 1125** Ascending aortic diameter and metabolic syndrome in Korean men
H Chun
- 1131** Critical flicker frequency is diagnostic of minimal hepatic encephalopathy
S Esmat, N E Garem, H Raslan, M Elfekei, G A Sleem

- 1136** The risk of postoperative hemorrhage and efficacy of heparin for preventing deep vein thrombosis and pulmonary embolism in adult patients undergoing neurosurgery: a systematic review and meta-analysis
X Wang, Y-C Zhou, W-D Zhu, Y Sun, P Fu, D-Q Lei, H-Y Zhao

- 1148** Prognostic factors of overall survival and cancer-specific survival in patients with resected early-stage rectal adenocarcinoma: a SEER-based study
K-C Lee, K-C Chung, H-H Chen, C-C Liu, C-C Lu

Brief report

- 1155** Mutational profiling of acute myeloid leukemia with normal cytogenetics in Brazilian patients: the value of next-generation sequencing for genomic classification
T R de Noronha, M Mitne-Neto, M d L Chauffaille

Electronic pages

Letters to the editor

- e5** Physician scientists should learn how to program
B S Gerber, T Kannampallil, S Kitsiou, P S Heckerling
- e6** Evaluation and characterization of monoclonal gammopathies using serum protein electrophoresis in a major urban population: one institution's experience
D B Laskar, K Shafique, C Lu, A Zuretti



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



This article has been made freely available online under the BMJ Journals Open Access scheme. See http://jim.bmj.com/sites/default/files/misc/JIM_Information_for_Authors.pdf



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk

