

**Guidelines for Authors and Reviewers**

Full instructions are available online at [http://jim.bmj.com/sites/default/files/misc/JIM\\_Information\\_for\\_Authors.pdf](http://jim.bmj.com/sites/default/files/misc/JIM_Information_for_Authors.pdf). Articles must be submitted electronically <http://mc.manuscriptcentral.com/investigativemed>.

**Disclaimer:**

The Editor of *Journal of Investigative Medicine* has been granted editorial freedom and *Journal of Investigative Medicine* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *Journal of Investigative Medicine* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *Journal of Investigative Medicine* does not imply endorsement. Neither American Federation for Medical Research (AFMR) nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from *Journal of Investigative Medicine* (except for liability which cannot be legally excluded).

**Copyright:**

© 2021 American Federation for Medical Research. All rights reserved; no part of this publication may be reproduced in any form without permission. *JIM* (ISSN: 1081-5589) is owned by the AFMR and published by BMJ Publishing Group Ltd. *JIM* 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

**Editorials**

**1263** Good news continues for JIM in 2021  
*R McCallum*

**1265** Call for emergency action to limit global temperature increases, restore biodiversity and protect health

*L Atwoli, A H Baqui, T Benfield, R Bosurgi, F Godlee, S Hancock, R Horton, L Laybourn-Langton, C A Monteiro, I Norman, K Patrice, N Praetjes, M GM O Rikkert, E J Rubin, P Sahni, R Smith, N J Talley, S Turale, D Vázquez*

**1268** Pulmonary arterial hypertension: promising advances and remaining challenges  
*K El-Kersh, J D Dickinson*

**Reviews**

**1270** Advances in the management of pulmonary arterial hypertension  
*H Deshwal, T Weinstein, R Sulica*

**1281** Clinical management of immune-related adverse events following immunotherapy treatment in patients with non-small cell lung cancer  
*H E Green, J Nieva*

**1287** Epidemiological and clinical characteristics of non-severe and severe pediatric and adult COVID-19 patients across different geographical regions in the early phase of pandemic: a systematic review and meta-analysis of observational studies  
*P E Y Chua, S U Shah, H Gui, J Koh, J Somani, J Pang*

**1297** Overview of severe asthma, with emphasis on pediatric patients: a review for practitioners  
*A Abellard, A A Pappalardo*

**Original research**

**1310** Circulating lipid and lipoprotein profiles and their correlation to cardiac function and cardiovascular outcomes in patients with acute myocardial infarction  
*H Wu, C Wang, G Tuerhongjiang, X Qiao, Y Hua, J She, Z Yuan*

**1318** Role of serum adiponectin measurement in the assessment of insulin resistance in obesity  
*H Erman, A Ozdemir, M E Sitar, S I Cetin, B Boyuk*

**1324** Serum high-molecular-weight adiponectin and response to dapagliflozin in patients with type 2 diabetes and non-alcoholic fatty liver disease  
*Y Aso, M Sagara, T Niitani, K Kato, T Iijima, T Tomaru, T Jojima, I Usui*

**1330** Hyperbaric oxygen treatment impacts oxidative stress markers in patients with necrotizing soft-tissue infection  
*M Hedetoft, P Ø Jensen, C Moser, J Vinckel, O Hyldegaard*

**1339** Comparison of a new predictive model with other critical scores for predicting in-hospital mortality among children with pneumonia-related bacteremia  
*J Lin, Y Zhang, A Song, N Yang, L Ying, J Dai*

**1344** Diagnostic values of IL-6 and IL-8 levels in serum and bronchoalveolar lavage fluid for invasive pulmonary aspergillosis in chronic obstructive pulmonary disease  
*F Liu, X Zhang, W Du, J Du, Y Chi, B Sun, Z Song, J Shi*

**1350** Importance of beta-lactam pharmacokinetics and pharmacodynamics on the recovery of microbial diversity in the airway of persons with cystic fibrosis  
*A Hahn, A Burrell, H Chaney, I Sami, A C Koumbourlis, R J Freishtat, E T Zemanick, S Louie, K A Crandall*

**1360** Protective effect of Shenfu on gut epithelium in a porcine model of hemorrhagic shock  
*Y Liang, C Li, W Yuan, J Wu, Q Zhang, M Zhang, H Qin, Z Li*

**1367** Relationship between cerebral venous sinus thrombosis and intracranial arteritis during pregnancy and post partum  
*X Li, J Dong, Y Sun, Q Li, L Shi*

J Investig Med: first published as on 1 October 2021. Downloaded from <http://jim.bmj.com/> on October 23, 2021 by guest. Protected by copyright.



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](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](http://www.publicationethics.org)



When you have finished with this please recycle it

---

**Brief reports**

- 1372** Ambulatory cardiology telemedicine: a large academic pediatric center experience

*A A Phillips, C A Sable, S M Atabaki, C Waggaman, J E Bost, A S Harahsheh*

- 1377** Effects of non-surgical treatment of chronic periodontitis on insulin resistance and glucose tolerance in subjects without diabetes (PARODIA 2 study)



OPEN ACCESS

*A R Nana Nana, N-F Tsohngny Tsague, E Lonchi-Yimagou, C Bengondo Messanga, A Tankeu, J-C Katte, E Bati Vounsia, M Dehayem, E Sobngwi*

- 1382** Tumor invasive ability of papillary thyroid carcinomas is not conferred by acquired gene mutations

*M Tong, S Li, Y Li, Y Li, Y Feng, Y Che*

---

**Letters to the editor**

- 1386** Importance of preserving the resident microflora of the skin to improve immunological response



OPEN ACCESS

*F Rinaldi, G Giuliani, D Pinto*

- 1388** Dissemination of research during the first year of the coronavirus disease 2019 pandemic

*J S Brandt, S Grover, C V Ananth*