



### 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/jinvestigativemed>.

### 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

- 1 The End of the Beginning: a Transition to the "Brave New World"  
*R W McCallum*

- 2 *Medicinae investigationis, quo vadis?*  
*O C Ioachimescu*



## Faculty development & education

- 4 Emerging clinical scientist paradigm: a call for spectrum recognition in team science  
*G D Marshall*

## Original research

- 7 Efficacy of patent foramen ovale closure for treating migraine: a prospective follow-up study  
*Y Qi, Y Zhang, X Luo, G Cheng, Y Du, R Liu, H Xie, Y Cheng, Y Guo, G Luo*



- 13 Evaluating the added predictive ability of MMP-9 in serum for Kawasaki disease with coronary artery lesions  
*L Wang, Y Yang, Q Cui, Y Cui, Q Li, X Che, C Wang, P Quan, X Hu*

- 20 Galectin-3 levels and the prediction of atrial high-rate episodes in patients with cardiac resynchronization therapy  
*G Alesan, A Yamk, O C Younar, Ö Gedikli, U Arslan, K Soylu*

- 28 Betamethasone induces potent immunosuppression and reduces HIV infection in a PBMC in vitro model  
*R Cromarty, A Sigal, L J Liebenberg, L R Mckinnon, S S Abdool Karim, J-A S Passmore, D Archary*



- 41 Haplotypes of (−794(CATT)<sub>5-8</sub>/−173G>C) MIF gene polymorphisms and its soluble levels in basal cell carcinoma in western Mexican population  
*E Guevara-Gutiérrez, M J Castro-Jonguitud, S E De la Torre-Flores, J F Muñoz-Valle, A Tlacuilo-Parra, F J Salazar-Torres, Y Valle, J R Padilla-Gutiérrez, D E Martínez-Fernández, E Valdés-Alvarado*

- 47 Peripheral blood lymphocyte-to-monocyte ratio as a screening marker for influenza infection  
*B Patel, M Oye, D Norez, C Isache*

- 52 COVID-19 epidemic outside China: 34 founders and exponential growth  
*Y Li, M Liang, X Yin, X Liu, M Hao, Z Hu, Y Wang, L Jin*



- 56 Systemic concentration of apelin, but not resistin or chemerin, is altered in patients with schizophrenia  
*E Kozłowska, E Brzezińska-Błaszczycze, A Wysokiński, P Żelechowska*

- 66 MicroRNA-363-3p downregulation in papillary thyroid cancer inhibits tumor progression by targeting NOB1  
*S Dong, S Xue, Y Sun, Z Han, L Sun, J Xu, J Liu*



- 75 Impact of comorbidities on clinical prognosis in 1280 patients with different types of COVID-19  
*H Fang, Q Liu, M Xi, D Xiong, J He, P Luo, Z Li*



## Brief reports

- 86 Remitting seronegative symmetrical synovitis with pitting edema: a review  
*M Lakhmalla, D S Dahiya, A Kichloo, T Fatima, E Edigin, F Wani*

- 91 Serum granzyme B is associated with otorhinolaryngological, pulmonary, and renal involvement of antineutrophil cytoplasmic antibody-associated vasculitis  
*T Yoon, J Yoo, S S Ahn, J J Song, Y-B Park, S-W Lee*

- 96 In vitro interaction of fluconazole and trimethoprim–sulfamethoxazole against *Candida auris* using ETEST and checkerboard methods  
*H R Davis, D S Ashcraft, G A Pankey*

## Letter to the editor

- 100 Proposal of a scale for COVID-19 stigma-discrimination toward health workers  
*A Campo-Arias, I Álvarez-Solorza, A F Tirado-Ouálvaro, C A Cassiani-Miranda*

## Abstracts

- 102 2021 Western Medical Research Conference  
297 Author index



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