



Front cover image taken from page 1014, figure 2 of Verma R, *et al*. Enrichment of IGF-1R and PPAR γ signalling pathways in orbital inflammatory diseases: steps toward understanding pathogenesis. Figure 2 shows differential gene expression in the PPAR γ receptor signalling pathways.

Editors-in-Chief

Frank Larkin (UK)

Deputy Editors

Ludwig Heindl (Germany)

Mingguang He (Australia)

Editorial Office

BMJ Publishing Group Ltd,
BMA House, Tavistock Square,
London WC1H 9JR, UK

T: +44 (0)20 7111 1105

E: bjo@bmj.com

Twitter: @BJOphthalmology

ISSN: 0007-1161 (print)

ISSN: 1468-2079 (online)

Impact factor: 4.638

Disclaimer: The Editor of *British Journal of Ophthalmology* has been granted editorial freedom and *British Journal of Ophthalmology* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *British Journal of Ophthalmology* 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 *British Journal of Ophthalmology* does not imply endorsement. BMJ Publishing Group Limited shall not be liable for any loss, injury or damage howsoever arising from *British Journal of Ophthalmology* (except for liability which cannot be legally excluded).

Copyright: © 2022 BMJ Publishing Group Ltd. All rights reserved; no part of this publication may be reproduced in any form without permission.

British Journal of Ophthalmology is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Limited, Chennai, India and printed in the UK on acid-free paper.

British Journal of Ophthalmology ISSN 0007-1161 (USPS 2159) is published monthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc. 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to *British Journal of Ophthalmology*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square WC1H 9HR London. Air Business Ltd is acting as our mailing agent.

Contents

Volume 106 Issue 7 | **BJO** July 2022

Review

- 889** New meaning for NLP: the trials and tribulations of natural language processing with GPT-3 in ophthalmology
S Nath, A Marie, S Ellershaw, E Korot, P A Keane

Clinical science

- 893** Eye health indicators for universal health coverage: results of a global expert prioritisation process
I McCormick, I Mactaggart, S Resnikoff, D Muirhead, GV Murthy, J C Silva, A Bastawrous, J Stern, K Blanchet, N Wang, M Yusufu, A Cooper, M Gichangi, Eye Health Indicators Prioritisation Project Group, MJ Burton, J Ramke

- 902** Use of saliva flow rate measurement in minor salivary glands autotransplantation for treatment of severe dry eye disease
J-Z Su, Z Wang, X-J Liu, L Lv, G-Y Yu

- 908** Anterior segment reconstruction with artificial iris and Descemet membrane endothelial keratoplasty: a staged surgical approach
M Ang, D Tan

- 914** Cost-effectiveness analysis of preloaded versus non-preloaded Descemet membrane endothelial keratoplasty for the treatment of Fuchs endothelial corneal dystrophy in an academic centre
M Böhm, P Leon, A Wylegala, S Ong Tone, T Condon, U Jurkunas

- 923** Economic, clinical and social impact of simple limbal epithelial transplantation for limbal stem cell deficiency
P Thokala, A Singh, V K Singh, V M Rath, S Basu, V Singh, S MacNeil, V S Sangwan

- 929** Time to achieve best postoperative visual acuity following Boston keratoprosthesis surgery
J El-Khoury, M Mustafa, R Daoud, M Harissi-Dagher

- 935** Long-term outcomes following primary versus secondary Boston keratoprosthesis type 1 implantation
T Nayman, C Bostan, A-A Szigiato, M Harissi-Dagher

- 941** Review of de novo uveitis in older adults presenting to a large tertiary centre
P Samalia, L J Hawley, R L Niederer, J Sims

- 947** Avoiding mask-related artefacts in visual field tests during the COVID-19 pandemic
M Gómez Mariscal, F J Muñoz-Negrete, P V Muñoz-Ramón, V Aguado Casanova, L Jaumandreu, G Rebollada

- 952** Normal-tension glaucoma is associated with cognitive impairment
S Mullany, L Xiao, A Qassim, H Marshall, P Gharahkhani, S MacGregor, M M Hassall, O M Siggs, E Souzeau, J E Craig

- 957** Changing trends in glaucoma surgery within Australia
M T Sun, R Madike, S Huang, C Cameron, D Selva, R J Casson, C X Wong

- 962** Utilisation of poor-quality optical coherence tomography scans: adjustment algorithm from the Singapore Epidemiology of Eye Diseases (SEED) study
S Thakur, M Yu, Y C Tham, S Majithia, Z-D Soh, X L Fang, C Cheung, P Y Boey, T Aung, T Y Wong, C-Y Cheng

- 970** Low fraction of fetal haemoglobin is associated with retinopathy of prematurity in the very preterm infant
W Hellström, T Martinsson, E Morsing, L Gränse, D Ley, A Hellström

- 975** Comparison of clinical outcomes of conbercept versus ranibizumab treatment for retinopathy of prematurity: a multicentre prospective randomised controlled trial
Z Wu, J Zhao, W Lam, M Yang, L Chen, X Huang, M Wei, H Yang, F Lv, F Zhang, J Zeng, G-M Zhang

MORE CONTENTS ►



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://authors.bmj.com/open-access>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
www.publicationethics.org



When you have finished with this magazine please recycle it.

- 980** Association between body mass index and diabetic retinopathy in Asians: the Asian Eye Epidemiology Consortium (AEEC) study
C Sabanayagam, R Sultana, R Banu, T Rim, Y C Tham, S Mohan, M L Chee, Y X Wang, V Nangia, K Fujiwara, E S Tai, S J Song, M M Bikbov, R Raman, C Y Cheng, T Y Wong, J B Jonas
- 987** Efficacy of a novel personalised aflibercept monotherapy regimen based on polypoidal lesion closure in participants with polypoidal choroidal vasculopathy
K Y C Teo, J M Jordan-Yu, A C S Tan, I Y S Yeo, R Mathur, C M Chan, T Y Wong, U Chakravarthy, C M G Cheung
- 994** Efficacy and safety of brolucizumab versus aflibercept in eyes with polypoidal choroidal vasculopathy in Japanese participants of HAWK
Y Ogura, G J Jaffe, C M G Cheung, G T Kokame, T Iida, K Takahashi, W K Lee, A A Chang, J Monés, D D'Souza, G Weissgerber, K Gedif, A Koh
- 1000** Postoperative outcomes of idiopathic epiretinal membrane associated with foveoschisis
M Lam, E Philippakis, A Gaudric, R Tadayoni, A Couturier
- 1006** Somatic GNAQ R183Q mutation is located within the sclera and episclera in patients with Sturge-Weber syndrome
Y Wu, C Peng, L Huang, L Xu, X Ding, Y Liu, C Zeng, H Sun, W Guo
- 1012** Enrichment of IGF-1R and PPAR γ signalling pathways in orbital inflammatory diseases: steps toward understanding pathogenesis
R Verma, D Choi, A J Chen, C A Harrington, D J Wilson, H E Grossniklaus, R A Dailey, J Ng, E A Steele, S R Planck, B S Korn, D Kikkawa, C N Czyz, J A Foster, M Kazim, G J Harris, D P Edward, H Al-Hussain, A M Y Maktabi, C Alabiad, A Garcia, J T Rosenbaum
-
- Laboratory science**
- 1019** Wnt signalling inhibits adipogenesis in orbital fibroblasts from patients with Graves' orbitopathy
S J Jung, Y J Choi, T K Park, S E Woo, B-Y Kim, J S Yoon, S Y Jang
- 1028** Effect of valproic acid on functional bleb morphology in a rabbit model of minimally invasive surgery
Z L Yap, L-F Seet, S WL Chu, L Z Toh, F I Ibrahim, T T Wong