

European Heart Journal

Volume 44 No. 47 December 2023

ISSUE @ A GLANCE



- New inflammatory predictors of cardiovascular events and the role of Mendelian randomizations
F. Crea

4897

CardioPulse

- Can digital technology help deliver change in cardiovascular medicine?

J. Ozkan 4902

- Low carbohydrate/ketogenic diet in the optimization of lipoprotein(a) levels: do we have sufficient evidence for any recommendation?

S. Surma, A. Sahebkar, and M. Banach; endorsed by the International Lipid Expert Panel (ILEP) 4904

Weekly Journal Scan

- Atrial fibrillation ablation improves outcomes in patients with end-stage heart failure: is it all gold the glitter in the CASTLE?

D. Pedicino and M. Volpe 4907

Braunwald's Corner

- Inhibition of angiotensinogen in the treatment of hypertension

E. Braunwald 4909

FOCUS ISSUE ON EPIDEMIOLOGY, PREVENTION, AND HEALTH CARE POLICIES



Editorial

- COP27 Climate Change Conference: urgent action needed for Africa and the world

L. Atwoli, G.E. Erhabor, A.A. Gbakima, A. Haileamlak, J.-M. K. Ntumba, J. Kigera, L. Laybourn-Langton, B. Mash, J. Muhiia, F.M. Mulaudzi, D. Ofori-Adjei, F. Okonofua, A. Rashidian, M. El-Adawy, S. Sidibé, A. Snouber, J. Tumwine, M.S. Yassien, P. Yonga, L. Zakhama, and C. Zielinski 4911



STATE OF THE ART REVIEW



- Mendelian randomization for cardiovascular diseases: principles and applications

S.C. Larsson, A.S. Butterworth, and S. Burgess 4913



- Potassium intake: the Cinderella electrolyte

M. O'Donnell, S. Yusuf, L. Vogt, A. Mente, and F.H. Messerli 4925



CLINICAL RESEARCH



- Autoantibodies against the chemokine receptor 3 predict cardiovascular risk

F.S. Müller, Z. Aherrahrou, H. Grasshoff, M.W. Heidorn, J.Y. Humrich, L. Johanson, R. Aherrahrou, T. Reinberger, A. Schulz, V. ten Cate, A.P. Robles, T. Koeck, S. Rapp, T. Lange, L. Brachaczek, F. Luebber, J. Erdmann, H. Heidecke, K. Schulze-Forster, R. Dechend, K.J. Lackner, N. Pfeiffer, J. Ghaemi Kerahrodi, O. Tüscher, A. Schwarting, K. Strauch, T. Münz, J.H. Prochaska, G. Riemeckasten, and P.S. Wild 4935

Editorial

- Targeting anti-CXCR3 autoantibodies as potential cardioprotective therapy: promises and challenges

W.H.W. Tang 4950



FAST TRACK CLINICAL RESEARCH



- Neutrophil counts and cardiovascular disease

J. Luo, J.Q. Thomassen, B.G. Nordestgaard, A. Tybjaerg-Hansen, and R. Frikke-Schmidt 4953

Editorial

- Beyond association: high neutrophil counts are a causal risk factor for atherosclerotic cardiovascular disease

O. Soehnlein and Y. Döring 4965

CLINICAL RESEARCH

- 8 Healthy sleep score changes and incident cardiovascular disease in European prospective community-based cohorts
A. Nambiema, Q. Lisan, J. Vaucher, M.-C. Perier, P. Boutouyrie, N. Danchin, F. Thomas, C. Guibout, G. Soleilhac, R. Heinzer, X. Jouven, P. Marques-Vidal, and J.-P. Empana 4968

- Editorial
Tracking changes in 'healthy sleep' for cardiovascular risk assessment
D. Linz and S.-M. Chaloupi 4979

- 3 Acquired risk factors and incident atrial fibrillation according to age and genetic predisposition
N. Wang, Y. Yu, Y. Sun, H. Zhang, Y. Wang, C. Chen, X. Tan, B. Wang, and Y. Lu 4982

- Editorial
Prevention of atrial fibrillation: a call to action
A.D. Elliott, E.J. Benjamin, and M.E. Middeldorp 4994

RAPID COMMUNICATIONS

- Changes in physical activity and incident cardiovascular events in cancer survivors
H.-H. Lee, H. Lee, D.L. Bhatt, D. Kang, J.-C. Youn, D.W. Shin, J. Cho, and H.C. Kim 4997

VIEWPOINT

- Long COVID and its cardiovascular implications: a call to action
Z. Al-Aly 5001

DISCUSSION FORUM

- Early identification of oesophageal lesions after atrial fibrillation ablation to prevent atrio-oesophageal fistula
M. Scanavacca, C. Pisani, and E.W. R. Rivarola 5004

- Be aware and hit hard and early: oesophageal lesions after atrial fibrillation ablation
R.R. Tilz and C.-H. Heeger 5006

CARDIOVASCULAR FLASHLIGHT

- Cardiac tamponade related oesophageal perforation
S. Diop, V. Chevance, and M. Gaillard 5007

CORRECTION

- Correction to: Unravelling the heart's comic drama: can TLRs and hyaluronan metabolism stoke neutrophil rage in acute coronary syndrome? 4964



This paper is Editor's Choice and is available free online at <https://academic.oup.com/eurheartj>



Open Access Paper



For the podcast associated with this article, please visit <https://academic.oup.com/eurheartj/pages/Podcasts>



www.eurheartj.org