

# European Heart Journal

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## ISSUE @ A GLANCE



Understanding aortic stenosis: advances in the identification of actionable pharmacological targets  
*F. Crea*

1847

## CardioPulse

Unravelling the relation between mental illness and cardiovascular disease by triangulating evidence from different methods

*J.L. Treur, R.R. Veeneman, J.M. Vermeulen, and K.J.H. Verweij*

1851

Lipid-lowering therapy and the risk of dementia: lessons learned from two decades of controversy  
*C. Gebhard, N. Corpataux, C. Gräni, and A. Haider*

1855

Meet Mohammed A Balghith—new EHJ co-editor for the Middle East

*J. Ozkan*

1858

## Weekly Journal Scan

Bempedoic acid: a CLEAR therapeutic option for statin-intolerant patients?

*M. Volpe and C. Patrono*

1860

## FOCUS ISSUE ON VALVULAR HEART DISEASE

### STATE OF THE ART REVIEW

Unmet needs in valvular heart disease

*D. Messika-Zeitoun, H. Baumgartner, I.G. Burwash, A. Vahanian, J. Bax, P. Pibarot, V. Chan, M. Leon, M. Enriquez-Sarano, T. Mesana, and B. Iung*

1862

Exercise benefits in cardiovascular diseases: from mechanisms to clinical implementation

*P.L. Valenzuela, L.M. Ruilope, A. Santos-Lozano, M. Wilhelm, N. Kränkel, C. Fiuza-Luces, and A. Lucia*

1874

Leveraging electronic health records to streamline the conduct of cardiovascular clinical trials

*M.S. Khan, M.S. Usman, K.M. Talha, H.G.C. Van Spall, S.J. Greene, M. Vaduganathan, S.S. Khan, N.L. Mills, Z.A. Ali, R.J. Mentz, G.C. Fonarow, S.V. Rao, J.A. Spertus, M.T. Roe, S.D. Anker, S.K. James, J. Butler, and D.K. McGuire*

1890

### CLINICAL RESEARCH



Long-term outcomes of phenoclusters in severe tricuspid regurgitation

*V.N. Rao, A. Giczevska, K. Chiswell, G.M. Felker, A. Wang, D.D. Glower, J.G. Gaca, K.S. Parikh, and S. Vemulapalli*

1910

#### Editorial

The synergy between tricuspid regurgitation and machine learning

*E. Chorin and Y. Topilsky*

1924

### TRANSLATIONAL RESEARCH



Dyslipidemia, inflammation, calcification, and adiposity in aortic stenosis: a genome-wide study

*H. Yu Chen, C. Dina, A.M. Small, C.M. Shaffer, R.T. Levinson, A. Helgadóttir, R. Capoulade, H.M. Munter, A. Martinsson, B.J. Cairns, L.C. Trudsø, M. Hoekstra, H.A. Burr, T.W. Marsh, S.M. Damrauer, L. Dufresne, S. Le Scouarnec, D. Messika-Zeitoun, D.K. Ranatunga, R.A. Whitmer, A. Bonnefond, G. Sveinbjörnsson, R. Danielsen, D.O. Arnar, G. Thorgeirsson, U. Thorsteinsdóttir, D.F. Gudbjartsson, H. Hölm, J. Ghose, M.S. Olesen, A.H. Christensen, S. Mikkelsen, R.L. Jacobsen, J. Dowsett, O.B.V. Pedersen, C. Erikstrup, S.R. Ostrowski, Regeneron Genetics Center, C.J. O'Donnell, M.J. Budoff, V. Gudnason, W.S. Post, J.I. Rotter, M. Lathrop, H. Bundgaard, B. Johansson, J. Ljungberg, U. Näslund, T. Le Tourneau, J.G. Smith, Q.S. Wells, S. Söderberg, K. Stefánsson, J.-J. Schott, D.J. Rader, R. Clarke, J.C. Engert, and G. Thanassoulis, on behalf of the Therapeutic targets for AoRtic stenosis using GEneTics (TARGET) Consortium*

1927

#### Editorial

The journey towards identification of actionable molecular pathways in calcific aortic valve stenosis

*S. Thériault, P. Mathieu, and Y. Bossé*

1940



Mosaic loss of Y chromosome in monocytes is associated with lower survival after transcatheter aortic valve replacement

S. Mas-Peiro, W.T. Abplanalp, T. Rasper, A. Berkowitsch, D.M. Leistner, S. Dimmeler, and A.M. Zeiher

1943

### Editorial

Why Y? The Y chromosome may serve a cardiovascular purpose after all

A.M. Small and P. Libby

1953

### DISCUSSION FORUM

Degenerative mitral regurgitation: improving clinical decision-making and risk stratification before valve surgery or trans-catheter repair

M. Danel

1956

Rescue surgery for degenerative mitral regurgitation should be recognized for what it is: indispensable but imperfect

S.C. Butcher, B. Essayagh, and M. Enriquez-Sarano

1957

### CARDIOVASCULAR FLASHLIGHT

Redo-transcatheter aortic valve implantation in a patient at high risk of coronary obstruction due to sinus sequestration

Y.-H. Chen, H.-H. Chang, and H.-B. Leu

1959

A rare case of mitral regurgitation caused by primary aldosteronism

Z. Xie and H. Zhu

1960

### ERRATUM

Erratum to: Iron deficiency in heart failure across the spectrum of left ventricular ejection fraction: dotting the i's

1889

### CORRIGENDUM

Corrigendum to: Outcomes of culture-negative vs. culture-positive infective endocarditis: the ESC-EORP EURO-ENDO registry

1909



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