

### ISSUE @ A GLANCE



#### From bench to bedside: the clinical future on the horizon of experimental evidence

T.F. Lüscher

1351

### CardioPulse

Mark E Josephson MD

M. Shenasa

1355

A personal memory by Hein J. J. Wellens

1357

MicroRNA biomarkers

M. Nicholls

1358

Plasma ceramides and cardiac risk

M. Nicholls

1359

Data Sharing

F. Alfonso

1361

Future applications of nuclear cardiology and cardiac CT to be announced at ICNC 2017

1364

### REVIEWS

#### Basic science for the clinician

Angiogenic gene therapy in cardiovascular diseases: dream or vision?

S. Ylä-Herttuala, C. Bridges, M.G. Katz, and P. Korpisalo

1365

#### Clinical update

Roles of exosomes in cardioprotection

L. Barile, T. Moccetti, E. Marbán, and G. Vassalli

1372

#### Translational medicine

Emerging roles for RNA-binding proteins as effectors and regulators of cardiovascular disease

R.G. de Bruin, T.J. Rabelink, A.J. van Zonneveld, and E.P. van der Veer

1380

### BASIC SCIENCE

SIRT4 accelerates Ang II-induced pathological cardiac hypertrophy by inhibiting manganese superoxide dismutase activity

Y.-X. Luo, X. Tang, X.-Z. An, X.-M. Xie, X.-F. Chen, X. Zhao, D.-L. Hao, H.-Z. Chen, and D.-P. Liu

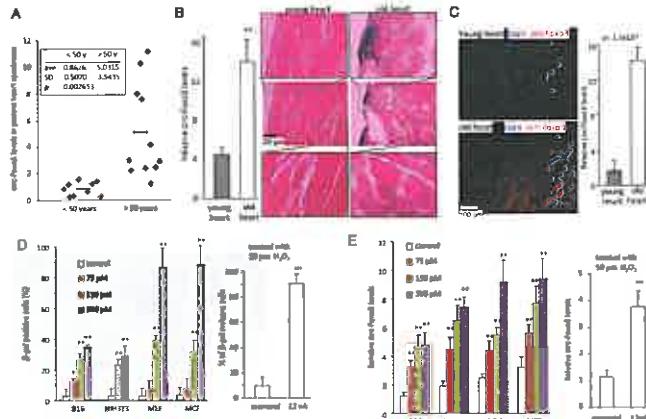
1389

#### Editorial

Metabolic control and oxidative stress in pathological cardiac remodelling

G.G. Schiattarella and J.A. Hill

1399



Foxo3 circular RNA promotes cardiac senescence by modulating multiple factors associated with stress and senescence responses

W.W. Du, W. Yang, Y. Chen, Z.-K. Wu, F.S. Foster, Z. Yang, X. Li, and B.B. Yang

1402

Transforming growth factor- $\beta$ -dependent Wnt secretion controls myofibroblast formation and myocardial fibrosis progression in experimental autoimmune myocarditis

P. Blyszzuk, B. Müller-Edenborn, T. Valenta, E. Osto, M. Stellato, S. Behnke, K. Glatz, K. Basler, T.F. Lüscher, O. Distler, U. Eriksson, and G. Kania

1413

**Coronary artery disease**

BDNFVal66met polymorphism: a potential bridge between depression and thrombosis

P. Amadio, G.I. Colombo, E. Tarantino, S. Gianellini, A. Ieraci, M. Brioschi, C. Banfi, J.P. Werba, A. Parolari, F.S. Lee, E. Tremoli, and S.S. Barbieri

1426

**Editorial**

Brain-derived neurotrophic factor Val66Met polymorphism in depression and thrombosis: SIRT1 as a possible mediator

S. Stein, S. Winnik, and C.M. Matter

1436

## CARDIOVASCULAR FLASHLIGHTS

Automated anatomical intelligence: next-generation fusion imaging during structural heart interventions

P. Biaggi, N. Nijhof, and R. Corti

1412

Sinus histiocytosis with massive lymphadenopathy: extra-nodal Rosai-Dorfman disease presenting as a rare aetiology of a large intracardiac mass

M.R. Summers, G. Pettersson, J.F. Maalouf, and W.A. Jaber

1439

A local cryotherapy with percutaneous tumour removal as a successful treatment option in patient with tricuspid valve fibroelastoma papillare

K.A. Kaczmarek, P. Jakubowski, R. Wojnicz, and P. Andrzej Ptaszynski

1441



Open Access Paper



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



Visit EHJ's mobile site

<https://academic.oup.com/eurheartj>



[www.eurheartj.org](http://www.eurheartj.org)