

### ISSUE @ A GLANCE



#### Mechanisms and outcomes of heart failure: from HFpEF, HFmrEF, and HFrEF to transplantation

*T.F. Lüscher*

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### CardioPulse

#### Petar M. Seferović new HFA President

*E. Braunwald and B. Casadei*

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#### Heart failure in Diabetic patients

*P.P. Swoboda and S. Plein*

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#### The Comprehensive Heart Failure Centre in Würzburg, Germany

*C.E. Angermann, S. Frantz, and C. Maack*

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#### John McMurray MD FESC

*J. Ozkan*

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#### Professor Stuart Cook and IL-11

*M. Nicholls*

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### THE EDITOR'S PAGE

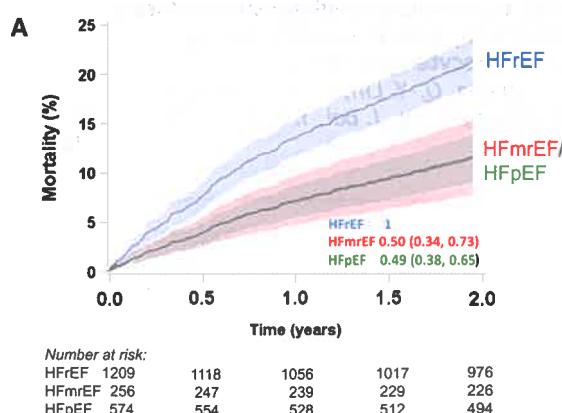
#### Measuring the unmeasurable: assessing the quality of science and scientists

*T.F. Lüscher*

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### CLINICAL RESEARCH

#### Heart failure/cardiomyopathy



**Mortality associated with heart failure with preserved vs. reduced ejection fraction in a prospective international multi-ethnic cohort study**

*C.S.P. Lam, G.D. Gamble, L.H. Ling, D. Sim, K.T.G. Leong, P.S.D. Yeo, H.Y. Ong, F. Jaufeerally, T.P. Ng, V.A. Cameron, K. Poppe, M. Lund, G. Devlin, R. Troughton, A.M. Richards, and R.N. Doughty*

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#### Editorial

#### Expanding the global borders of heart failure: the SHOP and PEOPLE studies

*M. Vaduganathan and S.D. Solomon*

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#### The Cardiomyopathy Registry of the EURObservational Research Programme of the European Society of Cardiology: baseline data and contemporary management of adult patients with cardiomyopathies

*P. Charron, P.M. Elliott, J.R. Gimeno, A.L.P. Caforio, J.P. Kaski, L. Tavazzi, M. Tendera, C. Maupain, C. Laroche, P. Rubis, R. Jurcut, L. Calò, T.M. Heliö, G. Sinagra, M. Zdravkovic, A. Kavoliūnienė, S.B. Felix, J. Grzybowski, M.-A. Losi, F.W. Asselbergs, J.M. García-Pinilla, J. Salazar-Mendiguchia, K. Mizia-Stec, and A.P. Maggioni, on behalf of the EORP Cardiomyopathy Registry Investigators*

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### EHJ BRIEF COMMUNICATION

#### Pathophysiology

#### The heart regulates the endocrine response to heart failure: cardiac contribution to circulating neprilysin

*M. Arrigo, N. Vodovar, H. Nougué, M. Sadoune, C.J. Pemberton, P. Ballan, P.-O. Ludes, N. Gendron, A. Carpentier, B. Cholley, P. Bizouarn, A. Cohen-Solal, J.P. Singh, J. Szymonifka, C. Latremouille, J.-L. Samuel, J.-M. Launay, J. Pottecher, A.M. Richards, Q.A. Truong, D.M. Smadja, and A. Mebazaa*

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## CLINICAL REVIEW

### Clinical update

#### Reinnervation post-heart transplantation

A. Grupper, H. Gewirtz, and S. Kushwaha

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## CLINICAL RESEARCH

### Heart failure cardiomyopathy

#### Identification of capillary rarefaction using intracoronary wave intensity analysis with resultant prognostic implications for cardiac allograft patients

C.J. Broyd, F. Hernández-Pérez, J. Segovia, M. Echavarria-Pinto, A. Quirós-Carretero, C. Salas, N. Gonzalo, P. Jiménez-Quevedo, L. Nombela-Franco, P. Salinas, I. Núñez-Gil, M. Del Trigo, J. Goicolea, L. Alonso-Pulpón, A. Fernández-Ortiz, K. Parker, A. Hughes, J. Mayet, J. Davies, and J. Escaned

1807

### Editorial

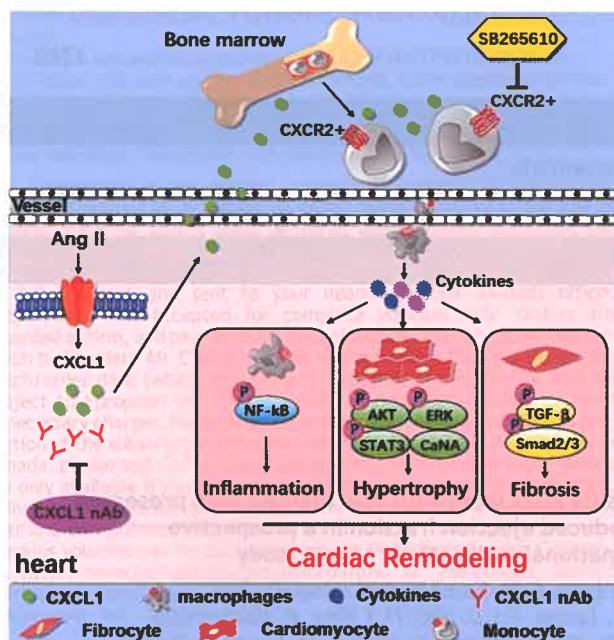
#### Identifying cardiac pathologies with coronary wave intensity analysis: an enrichment to the ever-expanding coronary haemodynamics armamentarium?

N. Bruining and P. Cummins

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## BASIC SCIENCE

### Heart failure cardiomyopathy



#### CXCL1-CXCR2 axis mediates angiotensin II-induced cardiac hypertrophy and remodelling through regulation of monocyte infiltration

L. Wang, Y.-L. Zhang, Q.-Y. Lin, Y. Liu, X.-M. Guan, X.-L. Ma, H.-J. Cao, Y. Liu, J. Bai, Y.-L. Xia, J. Du, and H.-H. Li

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### Editorial

#### CXCL1-CXCR2 lead monocytes to the heart of the matter

P. Paradis and E.L. Schiffrin

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### Acellular therapeutic approach for heart failure: *in vitro* production of extracellular vesicles from human cardiovascular progenitors

N. El Harane, A. Kervadec, V. Bellamy, L. Pidial, H.J. Neametalla, M.-C. Perier, B. Lima Correa, L. Thiébault, N. Cagnard, A. Duché, C. Brunaud, M. Lemitre, J. Gauthier, A.T. Bourdillon, M.P. Renault, Y. Hovhannisan, S. Paiva, A.R. Colas, O. Agbulut, A. Hagège, J.-S. Silvestre, P. Menasché, and N.K.E. Renault

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### Editorial

#### Induced pluripotent stem cells as a biopharmaceutical factory for extracellular vesicles

M. Nishiga, H. Guo, and J.C. Wu

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## CLINICAL REVIEW

### Clinical update

#### Cardiac diagnostic work-up of ischaemic stroke

H. Yang, M. Nassif, P. Khairy, J.R. de Groot, Y.B.W.E.M. Roos, R.J. de Winter, B.J.M. Mulder, and B.J. Bouma

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## CARDIOVASCULAR FLASHLIGHTS

### Treatment of hypertrophic cardiomyopathy caused by cardiospecific variants of Fabry disease with chaperone therapy

J. Müntze, T. Salinger, D. Gensler, C. Wanner, and P. Nordbeck

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### Myocardial alterations in a patient with mucopolysaccharidosis type IS

Y. Izumi, T. Saito, S. Sato, and W. Shimizu

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## CORRIGENDA

### Corrigendum to: Percutaneous short-term active mechanical support devices in cardiogenic shock: a systematic review and collaborative meta-analysis of randomized trials

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### Corrigendum to: Clinical implication of an impaired fasting glucose and prehypertension related to new onset atrial fibrillation in a healthy Asian population without underlying disease: a nationwide cohort study in Korea

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