In this Issue .......................................................... 1205

Meet the First Authors ............................................. 1206

Editorials

To Seek the Holy Grail of Cardiac Progenitor Cells: An Opera in Four Acts
A.J. Marian .......................................................... 1208

Cortical Bone Stem Cells Administered at Reperfusion Attenuate Remote Zone Myocyte Remodeling
John M. Canty Jr, Brian R. Weil ................................ 1210

Posology for Regenerative Therapy
Andre Terzic, Atta Behfar .......................................... 1213

The NHLBI Page

A Special Report on the NHLBI Initiative to Study Cellular and Molecular Mechanisms of Arterial Stiffness and Its Association With Hypertension

Trainees in the Spotlight

Onur Kanisicak: From Toy Tinkerer to Scientific Innovator
Pam Goldberg-Smith ................................................ 1219

News & Views

Synergistic Research Between the Center of Arrhythmia Research and the Michigan Biology of Cardiovascular Aging at the University of Michigan
Daniel R. Goldstein, José Jalife .................................... 1221
**Cellular Biology**

★ **P2Y<sub>2</sub> Nucleotide Receptor Prompts Human Cardiac Progenitor Cell Activation by Modulating Hippo Signaling**
Farid G. Khalafalla, Steven Greene, Hashim Khan, Kelli Ilves, Megan M. Monsanto, Roberto Alvarez Jr, Monica Chavarria, Jonathan Nguyen, Benjamin Norman, Walter P. Dembisky, Mark A. Sussman .......................................................... 1224

★ **Cell Type-Specific Chromatin Signatures Underline Regulatory DNA Elements in Human Induced Pluripotent Stem Cells and Somatic Cells**
Ming-Tao Zhao, Ning-Yi Shao, Shijun Hu, Ning Ma, Rajini Srinivasan, Fereshteh Jahanbani, Jaecheol Lee, Sophia L. Zhang, Michael P. Snyder, Joseph C. Wu .......................................................... 1237

**Integrative Physiology**

★ **Cortical Bone Stem Cell Therapy Preserves Cardiac Structure and Function After Myocardial Infarction**

**Clinical Track**

★ **Dose Comparison Study of Allogeneic Mesenchymal Stem Cells in Patients With Ischemic Cardiomyopathy (The TRIDENT Study)**

**Corrections**

Correction to: Association of Serum Retinoic Acid With Risk of Mortality in Patients With Coronary Artery Disease [Online Only] .......................................................... e84

Correction to: Association of Plasma 7-Ketocholesterol With Cardiovascular Outcomes and Total Mortality in Patients With Coronary Artery Disease [Online Only] .......................................................... e85

In September 2017, the average time from submission to first decision for all original research papers submitted to Circulation Research was 13 days.

On the Cover: A representative image demonstrating that human mesenchymal stem cells reduce scar size in patients with ischemic cardiomyopathy. See related article, page 1279.