

Circulation Research

Circulation Research provides a medium for bringing together basic research on the cardiovascular system from various disciplines including biology, biochemistry, biophysics, cellular biology, genetics, molecular biology, pathology, physiology, and pharmacology. The journal also will accept for publication manuscripts on clinical research that contribute to an understanding of fundamental problems.

Editor-in-Chief

Roberto Bolli

Deputy Editors

Aruni Bhatnagar Ali J. Marian

Managing Editor

Jonathan Schultz

Assistant Managing Editors

Lisa Lunt Gemma Bridges-Lyman Pam Goldberg-Smith

Senior Editor

Eugene Braunwald

Senior Associate Editors

Eric N. Olson Jeffrey Robbins Christine Seidman

Associate Editors

Karin Bornfeldt	Joshua Hare	Silvia Priori
William M. Chilian	Jose Jalife	Paul Ridker
Stefanie Dimmeler	Walter J. Koch	William Sessa
Kathy Griendling	Issei Komuro	Alan Tall
		Joseph Wu

Board of Consulting Editors

Senior Consulting Editors

Alan Daugherty Victor Dzau Gerd Heusch Joseph A. Hill Joseph Loscalzo Hiroaki Shimokawa James Willerson

Consulting Editors

Brian Annex	Sylvia Evans	David Kass	Jeanne Nerbonne	Rong Tian
Hossein Ardehali	Ingrid Fleming	Peter Libby	Sumanth Prabhu	Sean M. Wu
Donald Bers	Nikolaos G. Frangogiannis	Elizabeth McNally	Junichi Sadoshima	
John Canty	Åsa Gustafsson	Evangelos Michelakis	Paul Simpson	
Buddhadeb Dawn	David D. Gutterman	Jeffrey Molkentin	Mark Sussman	
Gerald Dorn	Roger Hajjar	Elizabeth Murphy	W. Robert Taylor	
Masao Endoh	Steven Houser	Matthias Nahrendorf	Thomas Thum	

Statistical Consultants

Jennifer Below Hideo Kusuoka Lemuel A. Moyé

Editorial Board

Maha Abdellatif	Gianluigi Condorelli	Lorrie Kirshenbaum	Gary Owens	Edward Thorp
Jun-ichi Abe	Daniel Conklin	Raj Kishore	Karlheinz Peter	Gordon Tomaselli
Hugues Abriel	John Cooke	Richard Kitsis	Michael Potente	Rhian Touyz
Elena Aikawa	Michael E. Davis	Bjorn Knollmann	Daniel Rader	Jay Traverse
Masanori Aikawa	Dominic Del Re	Evangelia Kranias	Patrick Pagano	Masato Tsutsui
Fadi Akar	Mario Delmar	Richard Lee	Karin Przyklenk	Jonathan Tune
Mark Anderson	Linda Demer	David Lefer	William T. Pu	Masuko Ushio-Fukai
Justus Anumonwo	Naranjan S. Dhalla	Annarosa Leri	Gangjian Qin	Hector Valdivia
John Auchampach	Walter Duran	E. Douglas Lewandowski	Katey Rayner	Jennifer Van Eyk
Peter Backx	Satoru Eguchi	Klaus Ley	Marcello Rota	Eva van Rooij
Andrew Baker	John W. Elrod	Ronglih Liao	Nancy Rusch	Richard Vander Heide
Ivor Benjamin	Constanza Emanuelli	Merry Lindsey	Kerry-Anne Rye	Paolo Verdecchia
Martin Bennett	Frank Faraci	Raffaella Lombardi	Alejandra San Martin	Thomas Vondriska
Bradford Berk	Sergio Fazio	Barry London	Kimio Satoh	Kenneth Walsh
Connie Bezzina	Mark Feinberg	Gary D. Lopaschuk	Sebastiano Sciarretta	Nan Wang
Burns Blaxall	Jane Freedman	Douglas Losordo	Jonathan Seidman	Yibin Wang
Reinier Boon	Tohru Fukui	Xin Ma	Catherine Shanahan	Christian Weber
Chantal Boulanger	David Fulton	Paolo Madeddu	Ichiro Shiojima	Xander Wehrens
Penelope Boyden	Elena Galkina	Mark W. Majesky	Robert Simari	Donald Welsh
Ralf Brandes	Henry Ginsberg	Ziad Mallat	Michael Simons	Marit Westerterp
Thomas Braun	Christopher Glembotski	Scott J. Matkovich	Francis Spinale	Marcin Wysoczynski
Joan Brown	Priyatansh Gurha	Manuel Mayr	Sanjay Srivastava	Yang Kevin Xiang
Hua Cai	David Harrison	Peter Mohler	Bart Staels	Phillip Yang
John Canty	Timothy D. Henry	Michael Murphy	Jonathan S. Stamler	Liya Yin
Maurizio Capogrossi	Bradford Hill	Kiran Musunuru	David Stepp	Young-sup Yoon
Julie Chan	Costantino Iadecola	Stanley Nattel	Duncan Stewart	Jason Yuan
Ju Chen	Kaikobad Irani	Suzanne Oparil	Zhongjie Sun	Katherine Yutzey
Nipavan Chiamvimonvat	Hanjoo Jo	Brian O'Rourke	Filip Swirski	Jianyuan Zhang
Lena Claesson-Welsh	Steven Jones	Timothy O'Toole	Heinrich Taegtmeyer	Wolfram Zimmermann
			Charles Thodeti	Ming-Hui Zou

Scientific Publishing Committee

N.A. Mark Estes, III, <i>Chair</i>	Marwah Abdalla	Gregory L. Burke	Susan King	Veronique L. Roger
Angela Cochran, <i>Vice Chair</i>	Matthew Allison	Eddie L. Greene	E. Magnus Ohman	David S. Siscovick
	Kent Anderson	Alice Jacobs	Alejandro A. Rabinstein	Catherine L. Webb

Circulation Research

JOURNAL OF THE AMERICAN HEART ASSOCIATION



Editorial Board

Circ Res. 2018;122:1

doi: 10.1161/RES.0000000000000191

Circulation Research is published by the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231

Copyright © 2018 American Heart Association, Inc. All rights reserved.

Print ISSN: 0009-7330. Online ISSN: 1524-4571

The online version of this article, along with updated information and services, is located on the World Wide Web at:

<http://circres.ahajournals.org/content/122/1/1>

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in *Circulation Research* can be obtained via RightsLink, a service of the Copyright Clearance Center, not the Editorial Office. Once the online version of the published article for which permission is being requested is located, click Request Permissions in the middle column of the Web page under Services. Further information about this process is available in the [Permissions and Rights Question and Answer](#) document.

Reprints: Information about reprints can be found online at:
<http://www.lww.com/reprints>

Subscriptions: Information about subscribing to *Circulation Research* is online at:
<http://circres.ahajournals.org/subscriptions/>