The American Journal of Physiology-Heart and Circulatory Physiology is published monthly online at www.ajpheart.org (ISSN 1522-1539) (two volumes a year) by the American Physiological Society, 9650 Rockville Pike, Bethesda, MD 20814-3991. Subscription Prices (postpaid): For institutional print and online pricing, please see http://www.the-aps.org/publications/subs/. Nonmember individual (online only): $810.00. APS members: online is free. Print back issues are available through December 2011. Subscriptions from outside the United States are payable in US currency or equivalent. Subscriptions are accepted on a calendar-year basis only. Periodicals postage paid at Bethesda, MD, and at additional mailing offices. The American Journal of Physiology-Heart and Circulatory Physiology is a registered trademark of the American Physiological Society. The appearance of advertisements in the journal is not a warranty, endorsement, or approval of the products or their safety. The American Physiological Society disclaims responsibility for any injury to persons or property resulting from any ideas or products referred to in any article or advertisement.