The American Journal of Physiology-Renal Physiology® is a registered trademark of the American Physiological Society.

Copyright © 2015 by the American Physiological Society. The code at the bottom of the first page of an article or advertisement indicates the copyright owner’s consent that copies of that article may be made beyond that permitted by sections 107 and 108 of the US Copyright Law—unless the copies are for general distribution, for advertising, or for creating new works, or for resale—provided the per-copy fee is paid through the Copyright Clearance Center, Inc., 222 Rosewood Dr., Danvers, MA 01923.

Disclaimer: The statements and opinions contained in the articles of the American Journal of Physiology-Renal Physiology® are solely those of the individual authors and contributors and not 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.