Introduction for National Cholesterol Month

Edward A. Fisher

In this issue of *Arteriosclerosis, Thrombosis, and Vascular Biology*, there is a special collection of articles in recognition of National Cholesterol Month. As Brown and Goldstein noted in 1985 in their Nobel Prize lecture, “Cholesterol is the most highly decorated small molecule in biology. Thirteen Nobel Prizes have been awarded to scientists who devoted major parts of their careers to cholesterol. Ever since it was first isolated from gallstones in 1784, almost exactly 200 years ago, cholesterol has exerted a hypnotic fascination for scientists from the most diverse domains of science and medicine.”

The authors and readers of *Arteriosclerosis, Thrombosis, and Vascular Biology* remain fascinated by cholesterol, and the range of “domains” remains diverse. The articles in this issue span a wide range of topics, including the effects of oxidized low-density lipoprotein on signal transduction in endothelial cells, a number of contributors to macrophage foam cell formation, and cholesterol crystallization and plaque rupture.

The long tradition of research on cholesterol has led to fundamental discoveries about a two-faced molecule: not only is it essential to life, but its excess in the vasculature underlies the major cause of death in the developed world. Progress in understanding both faces will come from continued research.
efforts, such as those represented in this issue, and we hope that
this “small molecule” will be decorated many times over in the
years to come, reflecting further major advances in our under-
standing of its role in macrovascular disease.

Disclosures

None.

Reference

1. Brown MS, Goldstein JL. A receptor-mediated pathway for cholesterol
2011.

Key Words: imaging agents ■ immune system
Introduction for National Cholesterol Month
Edward A. Fisher

Arterioscler Thromb Vasc Biol. published online August 5, 2011;
Arteriosclerosis, Thrombosis, and Vascular Biology is published by the American Heart Association, 7272
Greenville Avenue, Dallas, TX 75231
Copyright © 2011 American Heart Association, Inc. All rights reserved.
Print ISSN: 1079-5642. Online ISSN: 1524-4636

The online version of this article, along with updated information and services, is located on the
World Wide Web at:
http://atvb.ahajournals.org/content/early/2011/08/05/ATVBAHA.111.234542.citation

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in Arteriosclerosis, Thrombosis, and Vascular Biology 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 Arteriosclerosis, Thrombosis, and Vascular Biology is online at:
http://atvb.ahajournals.org//subscriptions/