Hypoadiponectinemia as a Risk Factor for Atherosclerosis?

To the Editor:

We want to comment on and complete the cited references of the article by Iglseder et al.1 that demonstrated an independent negative association between adiponectin levels and carotid intima-media thickness (IMT). With reference to this, our group also found an inverse and independent correlation between adiponectin and carotid IMT.2 Our data were derived from 240 subjects of the Styrian Juvenile Obesity Study (STYJOBS).2 However, we also have to note that not all studies in this field report about a significant negative association between adiponectin and carotid IMT.3 Thus, the confirmation of our results by Iglseder et al underlines the close association between low adiponectin and early atherosclerosis. Further, the notion of a protective function of adiponectin in coronary artery disease (CAD) is also supported by longitudinal studies that implicated an association between hypoadiponectinemia and CAD.4,5 Controversial to this, 2 recent studies failed to observe a significant prospective association between low adiponectin levels and the development of CAD.6,7 Taken together, the diagnostic or even therapeutic potential of adiponectin in cardiovascular disease remains to be clarified.8

Stefan Pilz
Karine Sargsyan
Harald Mangge
Clinical Institute of Medical and Chemical Laboratory Diagnosis
Medical University
Graz, Austria
Pediatric Rheumatology/Immunology
Medical University
Graz, Austria

Hypoadiponectinemia as a Risk Factor for Atherosclerosis?

Stefan Pilz, Karine Sargysan and Harald Mangge

Stroke. 2006;37:1642; originally published online May 25, 2006;
doi: 10.1161/01.STR.0000227260.24490.56

Stroke is published by the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231
Copyright © 2006 American Heart Association, Inc. All rights reserved.
Print ISSN: 0039-2499. Online ISSN: 1524-4628

The online version of this article, along with updated information and services, is located on the
World Wide Web at:
http://stroke.ahajournals.org/content/37/7/1642

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in Stroke 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 Stroke is online at:
http://stroke.ahajournals.org/subscriptions/