
List of Contents

Part I. Background

The Pathogenesis of Atherosclerosis	3
<i>P. Cullen, J. Rauterberg, S. Lorkowski</i>	
Risk Factors for Atherosclerotic Vascular Disease	71
<i>A. von Eckardstein</i>	
Metabolic Syndrome: Therapeutic Considerations	107
<i>S.M. Grundy</i>	

Part II. The Impact of Diet

Physical Activity, Obesity and Cardiovascular Diseases	137
<i>T.A. Lakka, C. Bouchard</i>	
Fatty Acids and Atherosclerotic Risk	165
<i>M.A. Thijssen, R.P. Mensink</i>	
Dietary Cholesterol, Atherosclerosis and Coronary Heart Disease	195
<i>M. Kratz</i>	
Plant Sterols and Stanols	215
<i>M.J. Tikkanen</i>	
Carbohydrates and Dietary Fiber	231
<i>P.M. Suter</i>	
Dietary Antioxidants and Paraoxonases Against LDL Oxidation and Atherosclerosis Development	263
<i>M. Aviram, M. Kaplan, M. Rosenblat, B. Fuhrman</i>	
Soy, Isoflavones and Atherosclerosis	301
<i>R. St. Clair, M. Anthony</i>	

Homocysteine and B Vitamins	325
<i>S. Cook, O.M. Hess</i>	

Alcohol	339
<i>H.F.J. Hendriks, A. van Tol</i>	

Part III. Evidence-Based Anti-Atherosclerotic Drug Therapy

Lipid and Non-lipid Effects of Statins	365
<i>R. Paoletti, C. Bolego, A. Cignarella</i>	

Fibrates	389
<i>R. Robillard, C. Fontaine, G. Chinetti, J.-C. Fruchart, B. Staels</i>	

ACE Inhibitors and Angiotensin II Receptor Antagonists	407
<i>A. Dendorfer, P. Dominiak, H. Schunkert</i>	

Inhibition of Platelet Activation and Aggregation	443
<i>I. Ahrens, C. Bode, K. Peter</i>	

Part IV. Targets of Future Anti-Atherosclerotic Drug Therapy

The ABC of Hepatic and Intestinal Cholesterol Transport	465
<i>T. Plösch, A. Kusters, A.K. Groen, F. Kuipers</i>	

Inhibition of the Synthesis of Apolipoprotein B-Containing Lipoproteins	483
<i>J. Greeve</i>	

Therapy of Hyper-Lp(a)	519
<i>K.M. Kostner, G.M. Kostner</i>	

Modulation of High-Density Lipoprotein Cholesterol Metabolism and Reverse Cholesterol Transport	537
<i>M. Hersberger, A. von Eckardstein</i>	

Inhibition of Lipoprotein Lipid Oxidation	563
<i>O. Cynshi, R. Stocker</i>	

Correction of Insulin Resistance and the Metabolic Syndrome	591
<i>D. Müller-Wieland, J. Kotzka</i>	

Protection of Endothelial Function	619
<i>L.E. Spieker, T.F. Lüscher</i>	

Modulation of Smooth Muscle Cell Proliferation and Migration: Role of Smooth Muscle Cell Heterogeneity	645
<i>M.-L. Bochaton-Piallat, G. Gabbiani</i>	
Modulation of Macrophage Function and Metabolism	665
<i>S. Bellosta, F. Bernini</i>	
Inflammation Is a Crucial Feature of Atherosclerosis and a Potential Target to Reduce Cardiovascular Events	697
<i>F. Mach</i>	
Autoimmune Mechanisms of Atherosclerosis	723
<i>K. Mandal, M. Jahangiri, Q. Xu</i>	
Drug Therapies to Prevent Coronary Plaque Rupture and Erosion: Present and Future	745
<i>P.T. Kovanen, M. Mäyränpää, K.A. Lindstedt</i>	
Reciprocal Role of Vasculogenic Factors and Progenitor Cells in Atherogenesis	777
<i>T. Murayama, O.M. Tepper, T. Asahara</i>	
Gene Therapy of Atherosclerosis	785
<i>E. Vähäkangas, S. Ylä-Herttuala</i>	
Subject Index	809



<http://www.springer.com/978-3-540-22569-0>

Atherosclerosis: Diet and Drugs

von Eckardstein, A. (Ed.)

2005, XII, 816 p., Hardcover

ISBN: 978-3-540-22569-0