Professor M. John Chapman

M. John Chapman BSc (Hons), PhD, DSc, FESC, is Research Professor at the University of Pierre and Marie Curie, Director Emeritus of the Dyslipidemia and Atherosclerosis Research Unit, National Institute for Health and Medical Research (INSERM), at the Pitié-Salpétrière University Hospital in Paris, France, and Past-President of the European Atherosclerosis Society (EAS). Professor Chapman undertook his undergraduate studies at Aberdeen University and the Middlesex Hospital Medical School, University of London. He subsequently trained in cardiovascular lipidology at the Cardiovascular Research Institute of the University of California Medical Center, San Francisco, and at the Gladstone Foundation for Cardiovascular Disease in the same city. As President of EAS from 2009 to 2013, he actively supported the development of new Joint Guidelines for the Management of Dyslipidemia with the European Society of Cardiology launched in 2011. As Co-Chair of the EAS Consensus Panels and Consensus Papers, he has spearheaded initiatives on Lipoprotein Lp(a) and on atherogenic high triglyceride / low HDL dyslipidemia as major cardiovascular risk factors , on the underdiagnosis and undertreatment of heterozygous familial hypercholesterolemia (FH), on homozygous FH, on FH in children and adolescents with emphasis on optimal detection and treatment, on the genetics of hypertriglyceridemic states, on plant sterols and stanols in the management of dyslipidemia and prevention of cardiovascular disease , and most recently on intolerance to statin therapy with a focus on statin-associated muscle symptoms.

John is Associate European Editor of "Pharmacology and Therapeutics", and a member of the Editorial Boards of "Arteriosclerosis, Thrombosis and Vascular Biology", "Atherosclerosis", "Vascular Pharmacology" and "Future Cardiology". He is Co-Chair of the PCSK9 Education and Research Forum, and Chair of the ASPIRE Research Awards initiative on PCSK9 biology in health and disease. He has authored numerous publications and book chapters, and in 2012, co-authored an authoritative treatise on High Density Lipoproteins, entitled "HDL : Structure, Metabolism, Function and Therapeutics" (Wiley). Prof Chapman has presented plenary conferences worldwide as part of his dedication to international educational initiatives in lipoprotein biology and the pathophysiology of atherosclerotic vascular disease.

His research has contributed to further understanding of the metabolic and structural heterogeneity of LDL and Lp(a) particles at the interface with their atherogenicity , and to structure-function relationships in HDL subpopulations in healthy subjects and in dyslipidemic states associated with high cardiovascular risk. The mechanisms of action of pharmacological agents (statins, fibrates, CETP inhibitors, PCSK9 inhibitors) in attenuating atherogenic dyslipidemia are a central focus of his interests. His present research is focussed on (i) the intravascular metabolism and pharmacotherapeutic modulation of the atherogenic apoB-containing lipoproteins, and (ii) the structural heterogeneity, molecular composition (proteome and lipidome) and functionality of native and recombinant HDL in health and disease, with a view to optimisation of their anti-atherosclerotic potential.

Prof Chapman received a Distinguished Career Award from the International Atherosclerosis Society for his contributions to the field of HDL biology. In 2011, John was awarded Prizes for Scientific Excellence by INSERM. Prof Chapman is Laureate of the European Lipid Science Award for 2014, and Laureate of the Antonio M. Gotto Jr Award in Atherosclerosis Research from the International Atherosclerosis Society for 2015.