



NIHS特別講演会(殿町#35)

演題

Low-density lipoproteins: Updates from basic science to diagnostics and therapeutics



講師

Dr. Alan T. Remaley

Lipoprotein Metabolism Laboratory, Translational Vascular Medicine Branch, National Heart, Lung, and Blood Institute, National Institutes of Health

Biography

Ph.D. in Biochemistry in 1985 and M.D. in 1987 from the University of Pittsburgh School of Medicine. Board certified in clinical pathology in 1990.

He joined the NIH in 1990 as a medical staff fellow and did a postdoctoral fellowship on lipoprotein metabolism in the Molecular Disease Branch at the NHLBI. In 1995, Dr. Remaley became a senior staff member of the Department of Laboratory Medicine at the NIH, where he is currently the Director of the Immunoassay and Special Chemistry section. In 2007, he became the Section Chief of the Lipoprotein Metabolism laboratory in the Cardiovascular and Pulmonary Branch of the NHLBI.

Dr. Remaley has received numerous honors and awards over his career and is a Captain in the United States Public Health Service. He has published more than 500 peer-reviewed articles and is on the editorial board of several cardiovascular journals, and an associate editor for the Journal of Clinical Lipidology.

Dr. Remaley is a member of the American Association of Clinical Chemistry (AACC), College of American Pathologists, American Heart Association, and National Lipid Association.

要旨

Low-density lipoproteins (LDL) are central to the pathogenesis of cardiovascular disease and hence serves as a critical biomarker for cardiovascular risk and are a target of therapy. The role of LDL in the pathogenesis of cardiovascular disease risk will first be reviewed. Next, recent advances in the cellular uptake and structure of LDL will be described. This will be followed by new analytical approaches for its measurement and the development of novel lipid-lowering therapies for the treatment of cardiovascular disease.

日時

2024年8月28日(水)

14:00~15:00 開場13:45

国立医薬品食品衛生研究所 2階 共用会議室

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