Hyperalphalipoproteinemic (HALP) Observational Cohort

HALP is a single-site ongoing study recruiting community dwelling adults between the ages of 18-80 years. The study began in April 2004 at the Johns Hopkins University School of Medicine and then the study was transferred to the University of Connecticut Health School of Medicine in Sept 2012. Dr. Rodriguez is the Principal Investigator of this study and has been since its inception.

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The rationale for the HALP study was to identify subjects with fasting HDL-cholesterol levels ≥ 60 mg/dl with *SCARB1* single nucleotide polymorphisms, insertions, and/or deletions that were significantly associated with low SR-BI macrophage protein levels. This is NOT an interventional study.

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Inclusion criteria: fasting HDL-C ≥ 60 mg/dl; normal thyroid, kidney, liver function tests, and negative urine pregnancy test for women of child-bearing age.
Exclusion criteria: fasting HDL Inclusion criteria: fasting HDL-C < 60 mg/dl; normal thyroid, kidney, liver function tests and/or positive urine pregnancy test in women of child-bearing age.

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Enrolled subjects donated fasting blood for isolation of DNA for *SCARB1* genotyping, lipid and lipoprotein measurements, general chemistry panel, plasma and serum storage for future studies, and peripheral blood mononuclear storage.

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Completed enrollment: N=159 (N=106 Hopkins, N=53 UConn)
Disqualified: N=47, reasons included HDL< 60 mg/dl, abnormal thyroid or general chemistry lab results

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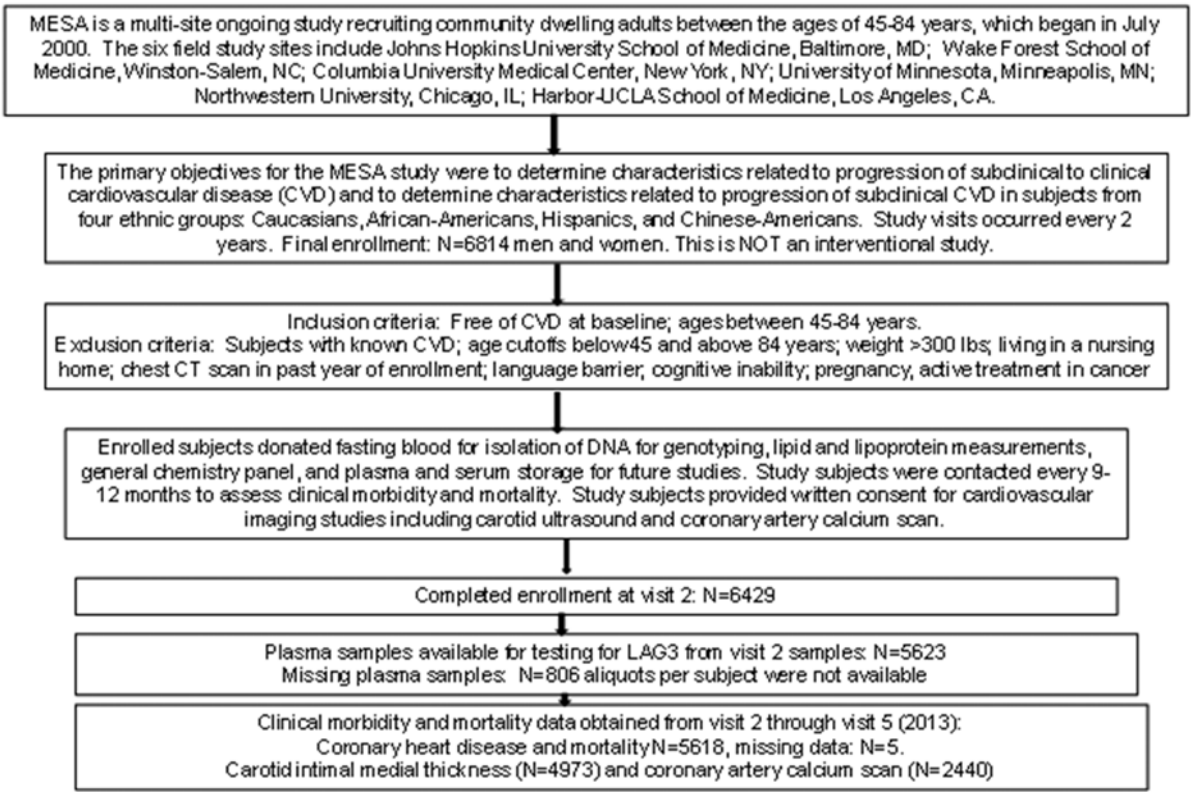
Plasma samples available for testing for LAG3: N=151
Missing plasma samples: N=8 aliquots per subject were not available

Multi-Ethnic Study of Atherosclerosis (MESA) Observational Cohort