

Metabolic Heterogeneity Underlying Hypertriglyceridemia: Hepatic Triglyceride Biosynthesis in Humans With Different Insulin Resistance Phenotypes

NCT05743868

Status	RECRUITING
Phase	Not Applicable
Sponsor	Yale University
Enrollment	40 participants

Key Eligibility Criteria

Inclusion (5)

- Ability to give informed consent
- Overweight, defined as BMI 25-30 kg/m²
- Modest hypertriglyceridemia, defined as fasting plasma triglycerides 1.5-3.0mM
- High risk of insulin resistance, defined as fasting plasma insulin $>64\text{pM}$
- Stable weight for at least 3mo prior to participation

Exclusion (7)

- Active or chronic liver disease, kidney disease, congestive heart failure, unstable angina, history of acute cardiovascular events within 6mo of screening, history of seizures or syncope, or an active infection requiring antimicrobial therapy;
- Use of insulin, thiazolidinediones, SGLT2 inhibitors, or sulfonylureas;
- Use of fibrates, omega 3 (fish oil), niacin, or PCSK9 antagonists;
- Use of systemic glucocorticoids within 60d prior to participation;
- Hematocrit $<35\%$;
- ... and 2 more (see full listing online)

Locations (1 total)

AMC Amsterdam, Amsterdam, Netherlands