

Supplementary data

Table S1 Key terms used in database searches.

| Variable of interest | Key terms |
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| microRNA | ("Circulating MicroRNA" OR "Circulating MicroRNAs" OR "MicroRNA, Circulating" OR " circulating miRNAs" OR "Blood microRNA" OR "Cell-Free MicroRNA" OR "Cell Free MicroRNA" OR "MicroRNA, Cell-Free" OR "hsa-miR" OR "serum MicroRNA" OR "plasma MicroRNA") |
| Lipid control variables | ("Cholesterol, HDL" OR "HDL Cholesterol" OR "Cholesterol, LDL" OR "LDL Cholesterol" OR "lipoprotein cholesterol" OR "Cholesterol, VLDL" OR "VLDL Cholesterol" OR "lipid profile" OR triglycerides OR Triacylglycerol OR Triacylglycerols) |
| Glycemic control variables | ("blood glucose" OR glycemia OR fructosamine OR HbA1c OR "hemoglobin A1c" OR "Glycated Hemoglobin A" OR "glycosylated hemoglobin" OR insulin OR "homeostasis model assessment" OR HOMA) |
| Inflammatory variables | ("C-reactive protein" OR "C Reactive Protein" OR "Protein, C-Reactive" OR adiponectin OR Interleukin OR Interleukins OR "interleukin-6" OR "Interleukin 6 " OR "IL6" OR "IL-6" OR "interleukin-10" OR IL-10 OR "IL 10" OR "Leptin" OR "Cell Adhesion Molecule-1" OR "Vascular Cell Adhesion Molecule-1" OR "VCAM-1" OR "Vascular Cell Adhesion Molecule 1" OR "Intercellular Adhesion Molecule-1" OR "ICAM-1" OR fibrinogen OR "Tumor Necrosis Factor-alpha" OR "TNF-alpha" OR "TNF alpha" OR "Serum Amyloid A Protein") |
| Body composition variables | ("body mass index" OR "BMI" OR "Body Weight" OR "Body Composition" OR Anthropometry OR "waist circumference" OR Adiposity OR obesity OR "blood pressure") |