

Human Metabolism (Core A)

Human Metabolism | Mouse Metabolism ^[1] | Genetics and Genomics ^[2]

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NORC members wishing to benefit from NORC support when accessing these services please complete this brief form^[4] and submit to Alka Kanaya (Alka.Kanaya@ucsf.edu^[5])

The Human Metabolism Core provides an integrated infrastructure for NORC investigators who currently conduct human research. The core consists of a number of services that provide consulting with study design, subject recruitment, and statistical analyses, conducting clinical research, and an array of specialized NORC-focused methods, instruments, and facilities for human body composition/metabolism, radiologic imaging and biobehavioral measurements that enable several aspects of research into human nutrition, obesity and metabolism at UCSF.

Services Supported by the NORC Human Metabolism

Service Area 1: Human ^[6]Body Composition, Exercise and Metabolism^[7]

Provides sophisticated methods and expertise in measuring diverse indices of body composition, metabolic activity and functional capacity and provides important outcomes for research in nutrition, obesity and metabolism.

Service Area 2: Human Imaging^[8]

Provides advanced, capabilities to conduct and interpret non-invasive imaging of research participants for tissue distributions and metabolic activities of high relevance to research into nutrition, obesity and metabolism.

Service Area 3: CTSI Consultation Services^[9]

The CTSI Consultation Services offers NORC members easily accessible, comprehensive, and integrated consultation in the areas of clinical and translational research.

Service Area 4:CTSI Clinical Research Services^[10]

CTSI Clinical Research Services provides clinical and translational research infrastructure for UCSF investigators to study pathogenesis and treatment spanning the spectrum of human disease.

Service Area 5: Metabolic Laboratory Assay Unit (UC Davis)

Conducts assays (ELISAs, RIAs, enzymatic assays) such as lipid panels, glucose, insulin, free fatty acids, apolipoproteins, CRP, adipokines, ghrelin, GLP-1, glucagon, and inflammatory panel from research study samples.

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Source URL: <https://norc.ucsf.edu/human-metabolism-core>

Links

- [1] <https://norc.ucsf.edu/mouse-metabolism-core-b>
- [2] <https://norc.ucsf.edu/genetics-and-genomics-core-c>
- [3] <https://profiles.ucsf.edu/alka.kanaya>
- [4] https://norc.ucsf.edu/sites/norc.ucsf.edu/files/Brief%20Form_1.pdf
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