

Participants needed for brown adipose tissue metabolism and food intake study: FoodBAT-study

In Turku PET-Centre, we have investigated brown adipose tissue function and the role it has in human metabolism since 2008. In 2018 we showed that brown adipose tissue is activated after the consumption of meals in a process called meal-induced thermogenesis.

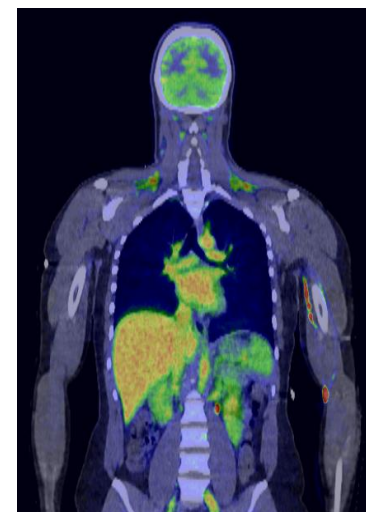
Now we are recruiting normal-weight and individuals with overweight and obesity (men and women) for our new study. The new study aims to investigate how the acute intake of two different meals affects the secretion of appetite hormones and brown adipose tissue metabolism.

You may be eligible to participate in the study if:

- Men and women between 18 and 45 years old
- You are normal weight or overweight
- Do not smoke.
- You have no medical conditions.



- The study includes 3 study visits to the Turku PET-Centre. On two of them, a PET-computed tomography (PET/CT) study will be performed before and after the intake of a meal. The other visit will include blood sampling for metabolic measurements.
- The study does not have any direct health benefits, but you will receive the results of health-related laboratory tests performed during the study, which might be beneficial.
- The study will be conducted at the Turku PET-Centre. The principal investigator is Prof. Kirsi Virtanen.



If you meet the criteria above and are interested in learning more, please contact us by email or telephone:

Email: foodbat.study@gmail.com

Phone: 023135875 (9:00-14:00) – Sanna Himanen – Research nurse