Can Brown Fat Activation Speed Metabolism?

Research Volunteers Needed for an Imaging Study
at Northwestern University and the Ann & Robert H. Lurie Children’s
Hospital of Chicago (Lurie Children’s)

In this study we will be comparing two different types of body scans and how they reveal fat tissues in the body. Magnetic Resonance Imaging (MRI) and Positron Emission Tomography (PET) will be used to look for a specific type of metabolically active fat called brown fat (brown adipose tissue or BAT). Understanding more about BAT and how it relates to metabolism could eventually lead to the development of obesity treatments by encouraging weight loss.

You may be eligible if you are:
- Male
- Normal weight or Obese
- Healthy, Nonsmoking
- Between the ages of 18-24

Study includes:
- Three-four separate visits to Northwestern Memorial Hospital and Lurie Children’s
- Laboratory Testing
- Medical Imaging Study

Volunteers will receive compensation and reimbursement for participation.

Call 312-503-3413 or email jennifer.lewandowski@northwestern.edu for more information.

This study is Lurie Children’s IRB #2014-15761, Measuring Human BAT Volume and Activity by Quantitative and Functional MRI, Principal Investigator Jie Deng. The content of this flyer has been approved by the Lurie Children’s IRB. This study is support by the National Institute of Diabetes and Digestive and Kidney Diseases, Grant #1R21DK103145-01.