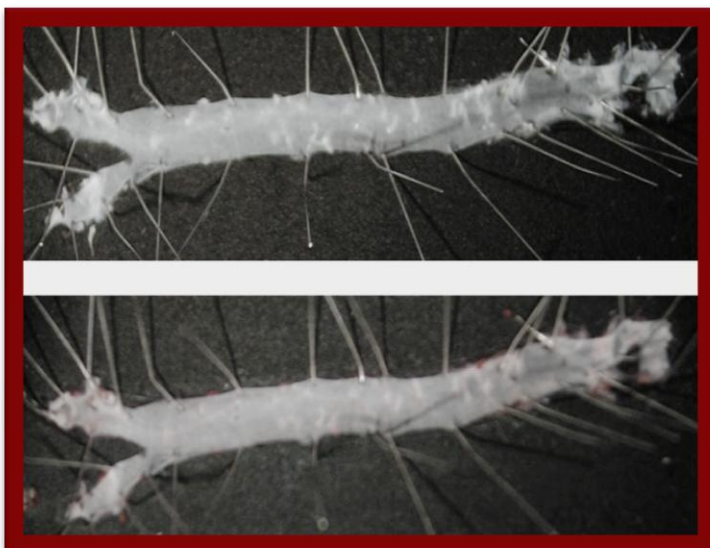
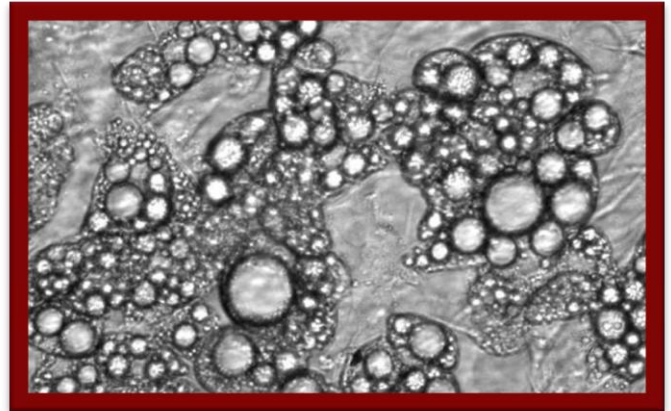


NUTRITION OBESITY RESEARCH CENTER

NORC ADIPOSE TISSUE AND OBESITY CORE

Our Services:

- ❖ Murine Adipocytes
 - Culture and differentiation of 3T3-L1 adipocytes
 - Preparation of endotoxin free fatty acid albumin complexes
 - qPCR
 - ❖ Human adipose tissue from bariatric surgery patients
 - ❖ Adipocyte Transfection - gene silencing/gene expression (mouse and human)
 - ❖ Isolation of murine and human stromal vascular cells
 - ❖ Generation of cDNA from cultured cells or tissue
 - ❖ Lipoprotein Separation/Quantification
 - ❖ Cellular Glucose and/or Fatty Acid Oxidation Assay
- ❖ Tissue preparation and processing
 - ❖ Methods for evaluation of atherosclerosis
 - ❖ Immunohistochemical analyses of mouse tissues
 - ❖ Multiple sequential staining on mouse tissues
 - ❖ Deconvolution microscopy
 - ❖ Histological and immunohistochemical evaluation of adipose tissue and liver, *now with faster adipocyte sizing!*
 - ❖ “Candy cane” aorta analyses



CONTACTS

NORC Adipose Tissue and Obesity Core
Alan Chait, Director, Ellen Schur, Co-Director
achait@u.washington.edu,
ellschur@u.Washington.edu

Kevin D. O'Brien, Associate Director
cardiac@u.washington.edu

NORC Website:

<http://depts.washington.edu/uwnorc/>