

Study Design-Laura Quigley

GCTOF & lipidomics

Mouse cells 12

Sample Prep: As per protocol. Cells were centrifuged at 500g in PBS, the supernatant aspirated and the cell pellet snap frozen in liquid nitrogen

Treatments: Different cell types. 1 - Peritoneal macrophages, 2 - Bone marrow derived macrophages

Interest: We are looking for metabolites in the major metabolic pathways, i.e. glycolysis, tca, urea cycle and ppp along with amino acids. If there is not enough sample, then the order of preference is primary metabolite, secondary metabolite and lipid analysis.