

Targeted Metabolite Profiling

Multi-pathway assay

- >200 metabolites in 25 pathways
 - Quantitative data
 - Key metabolites
 - High reproducibility
 - Important pathways

Focused assays

- Glycolysis (10 metabolites)
- TCA cycle (13 metabolites)
- Other specific pathways, Co-A's, cardiolipins, etc.
- Acyl Carnitines (40)
- Bile Acids (31)



Global Metabolite Profiling

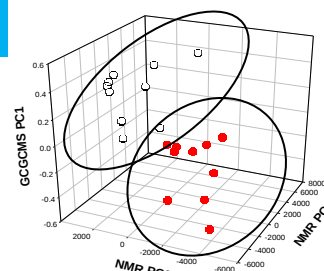
- Aqueous metabolites (~350) by LC-MS
- Organic, amino, fatty acids (~150) by GC-MS
- NMR analysis (intact tissue, isotope tracers)
- Lipidomics (600 lipids) by LC-MS



Flux Analysis (NMR- and GC-MS-Based)

Statistical and Pathway Analysis

- Multi-analyte significance testing
- Multivariate statistical modeling
- Metabolic Pathway analysis



CONTACT

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