

PKT Foodomics
Senior Project
Fall 2021

I. Overview

A. Team

1. Leader – Devin Blem
2. Clinical Consultant – Mitch Faloona
3. Computer Science Consultant – Scott Wilkinson

B. Need for PKT Foodomics – Our precision medicine approach to treating seizures with food requires accurate quantitation of nutrients in products we use in our diet prescription.

C. Long-term Goals – Provide up to date quantitation of nutrients in brand specific foods, supplements, and medications available to people receiving PKT

D. Fall 2021 Goals – Refine and replace our current Excel foodomics database with a relational database in HiPerGator needed for clinical support.

II. Plan and Progress

A.