F2F Meeting

16-09-24

Sections of the literature review

1. Type 2 diabetes Mellitus
2. Prediabetes / metabolic syndrome
3. Current pharmacological interventions
4. Brown seaweed extract as a compound for alleviating prediabetes
5. The Intestinal Epithelium / diabetic gut
6. Multi-omics / scRNA seq for unveiling novel metabolic information
7. Using mouse models for studies on T2DM
8. Pathways of interest for the study (Insulin signalling pathway, tight junction, carbohydrate/fatty acid metabolism, cell fate, proteasome, spliceosome)

Updates on the literature review

- Produced a draft on Friday 13th
- Structure needed serious revising and refocussing on literature relevant to the project
- 13th – 17th/18th refocussing the literature review.
- Details in the next slides

Literature Review Structure (Before)

- Structure originally consisted of 4 chapters

- Chapter 1 had too much detail about T2DM and Prediabetes (8 pages)
- Chose to condense important relevant details into an introductory paragraph in the lit review.

Literature Review Structure (Before)

- The structure previously focussed on a cell to cell level, missing relevant larger ideas in the literature

Literature Review Structure (Before)

- Too much detail on multiomics, not enough detail on scRNA-seq describing why I am choosing the methods I am using.

Literature Review Structure (Before)

- This section remains in the literature review although I am finding it hard to connect it to my project …

Literature Review Structure (Now)

- Literature Review now 3 chapters

Literature Review Structure (Now)

- Refocussed on scRNA-seq, upstream / downstream techniques

Literature Review Structure (Now)

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Problems

- Unsure how chapter 3 fits into the project

Timeline

- 17th / 18th first complete draft
- Sunday 22nd results / methods complete
- Saturday 28th Final Draft complete