**EpiBIOS, Pre-clinical MRI data analysis – focus on dMRI**

Zoom , June 7th 2021, 4 - 5 am (UTC)

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AGENDA

1. Overview of the Project 1 animal cohort (Asla, ~5 min)
2. Overview of current data analysis pipeline for dMRI (Ryan ~10 min)
   1. What is ready
   2. What is missing and how to get it finalized
3. Current resources – analysis of the whole cohort vs site specific analyses (~5 min)
   1. Whole cohort - Who can contribute and with what expertise in LONI (Dominique)
   2. Site-specific - Who can contribute and with what expertise in UEF (Olli)
   3. Site-specific - Who can contribute and with what expertise in UCLA and Melbourne?
4. Setting the Aims, Division of Tasks, Next steps (30-40 min)
   1. Creating hypotheses and testing biomarker analysis in UEF data (UEF)
      1. TBI vs. sham
      2. TBI+ vs. TBI-
   2. The whole cohort (LONI)
      1. TBI vs. sham
         * Dealing with multisite differences
         * The first 3 hypotheses to be tested (suggestions from everybody) and plans how to tackle each one
5. Publication strategy (0-10 min, if time allows, Asla)
6. Other urgent issues
7. Scheduling next meeting