

Gene Circuit Design:

Participants: Caius Gibeily

Researched into ccdAB mechanism, thanogen improvements (UV-sustaining mechanism);
Recapitulated RFC standards and IIs restriction enzymes

App Development

Participants: Caius Gibeily, Isobel Guthrie, Bradley McCallion, Yaxuan Kong

Discussed qualitative rating system (how to quantify our uncertainty) and enviortox database. Caius Gibeily suggested traffic light and grey colourimetric approach using a standardised resources consilience. Decision had been made to have amber meaning contradictory evidence, and grey meaning no research as we think we need to differentiate the two.

Reef Conservation Case Study

Participants: Yaxuan Kong, Poli Foteva

Contacted supervisor Dr Paula Miles. Created a folder with the finalised documents for ethical approval submission.

Team Collaboration

Participants: Soo Bynn Lee, Bradley McCallion, Laurence Seeley

Australian Team (Soo Bynn Lee): Contacted Australian team again for planning a zoom meetup.

Gaston Day School (Bradley McCallion): Replied to George to schedule meeting for modelling collaboration help.

Paris Team (Laurence Seeley): Emailed Paris Team back.

Synthetic Biology Forum

Participants: Bradley McCallion

Replied to Dr. Harbottle on attending synthetic biology forum.

Social Media

Participants: Bradley McCallion

Made and posted LinkedIn article.

Bio-Safety Modelling

Participants: Caius Gibeily, Laurence Seeley, Isobel Guthrie, Poli Foteva, Yaxuan Kong

Discussed plasmid design, how to minimise the horizontal gene transfer and issues related to bio-safety. Caius Gibeily recapitulated RFC standards and IIs restriction enzymes. Laurence Seeley found some Golden Gate vector backbones and got to grips with Benchling Golden Gate Assembly Method. Team agreed to do more research and possibly use some models to understand it

Macroscopic Modelling

Participants: Bradley McCallion

Discussed with Dr Nikolaos Sfakianakis on macroscopic modelling, potential joint paper collaboration and simulation assistance.