

23.08.17

Present: Michael, Dana, Valeria, Wendy, Tom, Lais, Sophie, Zoe, Declan Kohl (UG)

Registration for jamboree is complete

Track: foundational advance

Decaln- iptg sensor

Biobrick assembly final attempt failed. G blocks ordered, trying Gibson assembly before they arrive

Lais and Sophie- biobrick assembly before variants can be tested (proof of concept). Design primers for Gibson assembly as a back up?

“everytime ive done biobrick its worked’ – Lais

Lais starting again with promoters

Sophie- sarcosine oxidase- protein gel there but wrong size protein (bits missed on sequence). Sent for new part to then repeat process

Ansh- cloning finished, but no fluorescence after transformation. Has started again, do Gibson next week

Valeria- arsenic biosensor. Edinburgh design cloned in the vector, testing colonies of our design. Sending COSH form today

Michael- probably have fime switch, waiting for sequencing to confirm

Zoe- need more concrete summaries of what the ‘subconscious beliefs’ are- do this in how the questions in questionnaires are formatted, devise some kind of ‘test’ that would unearth these- can’t ask directly about subconscious beliefs.

Send report to members of staff working in this kind of area to see if what I’ve done will be possible to lead to some end guidelines/ implementing in the design of our project. Bbsrc-> corpus -> public -> our work. Create the links

Questionnaires to allotment owners (Dana, Anil contacts)

Declan designed some templates for the wiki. Have a tour of the wiki so they can be guided through in the way we want them to be. Send to Jack to work on after his deadline

Medal criteria

Bronze sorted

Silver: add Ansh’s stuff to new biobrick part

Collaboration: Edinburgh OG done (strong enough?- just describe what we did in the right convincing way. Non-functional model-> functional) ask Edinburgh to attribute this on their wiki asap

Exeter: reply so they know where we're at, and when we'll be ready colab

Skyping cork and peshwar this week

Singapore: HP collab, worldwide regulation

Focus on Edinburgh, Exeter and Singapore- wetlab, modelling and hp collabs- all areas

Silver HP: look into biosafety more? For safe and good for the world stuff, look at different methods of making biosensors

Gold: improvement- arsenic- make sure we are demonstrating how we are improving the function of the project.

Look for a plan c? e.g. removing unwanted restriction sites from previous parts used to be acceptable. An easier thing that could be done- pull out a part and see if it can be improved- everyone have a look

Model: screenshots/ gif on wiki

Demonstrate your project works: need to write justification from intralab plasmids stuff

Questionnaire for experiences of the interlab to send to igem teams? Check this isn't a thing that igem already do- ask Michael. Us do Northern teams to see how it works, then could be rolled out wider

Abstracts

1: like, formatting edit to reduce amount of 'we have', over word count

2: too long, good level of detail- use parts from this and make shorter

4: 'we have investigated the problems past teams have encountered', not using words like 'notoriously'

5: Use how it begins with a definition of biosensor

6: claims like 'growing in popularity' –need to use figures to back up claims like this

7: again backing up claims made, 'parts can be reused and interchanged' -> rapid testing of variants.- be careful of language use in terms of defining what igem is

8: five-pronged approach is good, use of roman numerals

9: well moved from intro into thoroughly describing what we do

need to make sure it has an introduction and conclusion

to include: biosensor definition (as intro), name of the project, thorough description of the project, conclusion

'how to write a nature abstract'