Meeting Notes june 21 2011

Attendance

Berke, Jaap, Kuba, Vessa, Joyce, Olesja, Christoph, Oscar, Robin, Martijn, Jan Willem

Wetlab planning presentation

15:10 Jakub starts his presentation. Oscar mentions, that we won't create many novel parts. Characterizing protein levels with different RBS- LVA tag is ambitious and nice to do though. We should check the E.coli strains for tetracyclin resistance. We should consider using p59(??? Ask robin) for measurements. Oscar stresses out, that we should make a nice and very colourful easily understandable scheme(comic) of our circuit.

Modelling presentation

15:36 Jaap starts his presentation. We should check SBML.com to get data from some curated models. Ask Synmo for help on modeling. Read Suel(or smth like it) paper from Cell about generating models to fit experimental data. Jaap explains 3 options how he wants to continue modelling.

- 1. Using evolution algorithms to change given parameters to give the best possible result.
- 2. Using evolution algorithms to change the modell to fit experimental data.
- 3. Making an automated intelligent wetlab schedule maker-thingy.

Option 1 and 2 are the most interesting because something like this has not been done in iGEM before(check this).

Updates

17:05 A detailed project description has to be on the wiki on the 15.07.2011. Jakub will work on an abstract about the biology part. The rest of the team will discuss this later. Jaap will write an abstract about the modelling plans. Olesja is responsible for the safety part on the wiki.

Wetlab

- Sequencing results look fine. Not all parts are without mistakes though.

Modelling

- Jaap will give a detailed presentation to the team members someday next week.
- There is an interesting paper about LVA-tags. Karzai 2000

Sponsoring

Everybody should read the human practices part on the wiki. Jakub will put the logos on the wiki.

Human Practices

Joyce will make a song with a choir. She will send around the lyrics and the song.

Next Meeting

It will be held on Thursday 30.06.2011 at 17:00.

To Do List

- Olesja

Scan the comic and send it around. Read about the safety thing on the iGEM homepage and on other wikis.

- Kuba

Clothing later Write an abstract about the wetlab-project.

- Rodrigo

Write a document with instructions about the wiki and e-mailing lists to the instructors.

- Jaap

Write an abstract about the modelling part. Talk to Robin about SBML.

- Christoph

Talk to Robin about the plasmids to use. Take size, copynumber and compatibility into account.