

# **Minutes of the twentyfourth iGEM meeting**

**26th of August 2010**

**Participants:** Mareike Roth, Sarah Mansour, Habib Bukhari, Svea Grieb, Victor Gordeev, Jonathan Tam, Charanya Sampathkumar, Adithya Nagarakodige, Ashwini Rahul Akkineni, Lucas Schirmer.

**Supervisors:** Johnson Madrid, Andy Oates, Marco Storch

## **Organization:**

1. Next meeting is on Thursday September 2<sup>nd</sup> at 6 p.m. at MPI.
2. It was suggested to book an accommodation in Boston as soon as possible. Lucas and Mareike are searching for hostels close to MIT.
3. The students of molecular bioengineering are allowed to skip the lab course in genome engineering if they want to but they have to write the exam at the end of the course.
4. The students of bionanophysics will try to make iGEM count as their lab rotation.

## **Project updates:**

1. Mareike summarized the cloning advices that Kaj gave last week. The write-up can be found in the dropbox.
2. Rahul and Charanya still have problems with the PCR amplification of the vector backbone since it results in a smear on the gel above the expected band. Anni supplied them with a new protocol and different primers that worked for her. The results will be discussed next week.
3. Johnson noticed that the security page of the group wiki is still empty. Habib is the responsible person for writing an ethical consideration of the project.
4. Svea and Lucas had some problems with the Tecan fluorescence plate reader that they use for the AHL-assay. The reporters of the parts (GFP, YFP, RFP) require wavelengths

for excitation and emission that can not exactly be achieved with the available filters. Johnson offered his help in ordering suitable filters. It was suggested that we might use the same reporter for all parts once we have the correct excitation and emission wavelengths for one.

5. The nitrocellulose filters arrived which will be used to have a second experimental set-up for the AHL-assay and to have comparability to the experiments Chiba did last year. Svea and Lucas will be responsible for these experiments and Johnson offered his help with the set-up.

**Lab updates:**

1. The students were asked to better label their chemicals they prepare since there was a misunderstanding about the agarose gel, and the final gels didn't show any bands because ethidium bromide was missing.