About Our Lab

1. What is the Safety Level of your lab?

- ○ Level 1 (low risk)
- ○ Level 2 (moderate risk)
- ○ Level 3 (high risk)
- ○ Level 4 (extreme risk)
- ○ Our team is not doing any wet-lab work
- ○ Other safety level (please describe):
- ◉ **We have several different lab spaces with different Safety Levels (please describe what experiments you do in each space):**

Our team has got BSL 1 (molecular biology experiments; circuits characterization) and BSL 2 (molecular biology experiments) labs available for developing the iGEM project. We believe that the use of the BSL 2 laboratory won't be necessary, as our team won't handle any harmful microrganism or DNA part. For now, we plan to use only Escherichia coli in project development.

- ○ Unknown (please comment):

2. Which work areas do you use to handle biological materials? Please check all that apply.

- ☑ Open bench
- ☑ Biosafety cabinet / laminar flow hood

- [ ] Chemical fume hood
- [ ] Other work area (please describe):
- [ ] Unknown (please comment):

3. a) Have your team members received any safety training yet?

- [x] Yes, we have already received safety training.
- [ ] We plan to receive safety training in the future (approximately when?):
- [ ] We will not have safety training (please comment):

3. b) Please briefly describe the topics that you learned about (or will learn about) in your safety training.

Graduate students are required by the University of Sao Paulo (USP) to attend a safety training provided by the university. Any undergraduate student enrolled on the wet lab experiments is trained by a graduate student and is not allowed to work alone at the lab.

Topics reviewed at safety training are:

-Use of appropriated clothing and personal protective equipment (PPE);

-Correct use of equipments, such as: autoclave, laminar hood flow, electrophoresis chamber and centrifuge;

-Handling, safety aspects and disposal of biological and chemical agents;

-Specific danger of the main reagents used on the lab (ex. Using nitrile gloves to handle bromite);

-Precautions about bioaerosol;

4. Who is responsible for the safety of biology labs at your institution? What are the guidelines for laboratory biosafety? Please give a link to these guidelines, or briefly describe them if you cannot give a link.

Here we have an Institutional Biosafety Committee named CIBio IFSC. All the procedures applied in our team's project have been discussed with the members. All biology labs at USP must fulfill all safety requirements of CIBio in order to work with microrganisms.

The guidelines for laboratory biosafety are available on the following link: http://www.ifsc.usp.br/cibio/legislacao-e-manuais.php

5. In your country / region, what are the laws and regulations that govern biosafety in research laboratories? Please give a link to these regulations, or briefly describe them if you cannot give a link.

http://www.ctnbio.gov.br/index.php/content/view/55.html
http://anbio.org.br/site/index.php?option=com_content&view=article&id=57&Itemid=58

6. Any further comments about your lab:

7. Comments about this form: Is it easy or difficult to use? Are the questions confusing?

I believe that this form is very easy to use and the questions are clear.