

iGEM Engineering & Measurement Resources

The iGEM measurement committee wants to know how to help students apply effective engineering practices and measure their experiments in a reproducible and accurate way. This questionnaire aims to identify specific needs of iGEM students in the organization of webinars and the provision of laboratory protocols and other support materials.



What roles do you have on your iGEM team?

- Team Member (Student)
- Team Member (Non-Student)
- Instructor
- Professor / PI
- Other: _____



If you are a student, what are you currently studying?

- High School
- Undergraduate
- Masters
- PhD
- Other: _____

What is the best way for us to communicate with your team?

- Emails
- iGEM newsletter
- iGEM website
- Office hours
- Slack
- Social media (e.g., Twitter)
- Other: _____

Do you have experience working in a research lab?

- Yes
- No

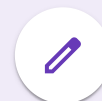


Which sorts of laboratory protocols would you like to be assisted with?

- DNA/RNA extraction
- Cloning & assembly strategies
- Sequencing
- Cell-free systems
- Protein purification
- Protein quantification
- Plate reader measurement (OD and/or fluorescence)
- Flow cytometry
- Microscopy
- Other: _____

How could we best help you in making measurements, calibrations, and other calculations? (example: fluorescence, colorimetry, enzyme kinetics)

- Calculation using a custom software tool
- Calculation using general data analysis software such as numpy, Matlab, or R
- Calculation using an Excel sheet
- Video instructions on calculations
- Infographic instruction on calculations



If you are provided with protocols, which format would you prefer to receive them in?

- Infographic
- Web-based, such as protocols.io
- PDF lab manual
- Video
- Other: _____

Do you think your team would be interested in help in designing experiments?

- Yes
- No
- Maybe

If your team is interested in help with experiment design, how could we best help you?

Your answer _____

Do you think that manuals in languages other than English would help you learn better?

- Yes
- No



If your previous answer was yes, what languages would be helpful for you?

Chinese

Spanish

Hindi

Bengali

Portugese

Japanese

French

German

Other: _____

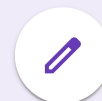
iGEM no longer wants pictures of insert gels. Instead, it wants sequences of the inserted genes. Do you have access to Sanger DNA sequencing facilities in your country?

Yes

No

If yes, indicate the name of the sequencing facility

Your answer _____



To facilitate the sequencing of your insert, would you want universal primers to be sent to you in an iGEM kit?

Yes

No

Can you provide us with other suggestions to help you make your work in the laboratory easier and more reproducible?

Your answer

What else would you like us to know?

Your answer

Submit

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