

Human Practices Advances

This year, we set our outreach activities with three main goals in mind:

- Reach the public and tell about synthetic biology and how it affects live in an everyday bases
- Exchange ideas and explain to some restaurants how to make proper oil disposal
- Training e teaching students in Biosafety and divulgate iGEM competition throughout University events

High school – What does it have to do with our biodiversity?

We proposed to participate during the event “What does it have to do with our biodiversity?” at the Federal University of Amazonas, in where we focused on high school students from Manaus. We have set lectures and practicum activities in a didactic and entertaining way. Working with some questioning sections such as “What is all about synthetic biology and iGEM?”, “Differences between fungi and bacteria?”, “what is this project Electrobacter?” and “How should be the proper way to dispose used frying oil?”.





Legenda da figura: Curiosity, learning, outreach. High school students a precious time to interact with science



Legenda da figura: Acting in plays, awaking people for the benefits of SynBio together with other students and faculties from UFAM.

This year's event had more than sixty students from several high schools.

Having in mind this challenge we made this experience the more "learning by doing" we could, bringing up petri dishes with GFP transformed bactérias, fungi from diferent species, to show the classes many sorts of microrganism forms, and it was, as well, a stupendous way to tel what are the carrier oportubities in the field of biotechnology and also put together University to the people. It was also developed dynamics to illustrate what happens when we toss used fried oil (and oil in general) in our sink: soil, Waters, life will be way.