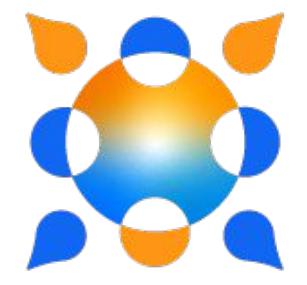




Antibiotic Resistance Inference Array



WHO ARE WE?

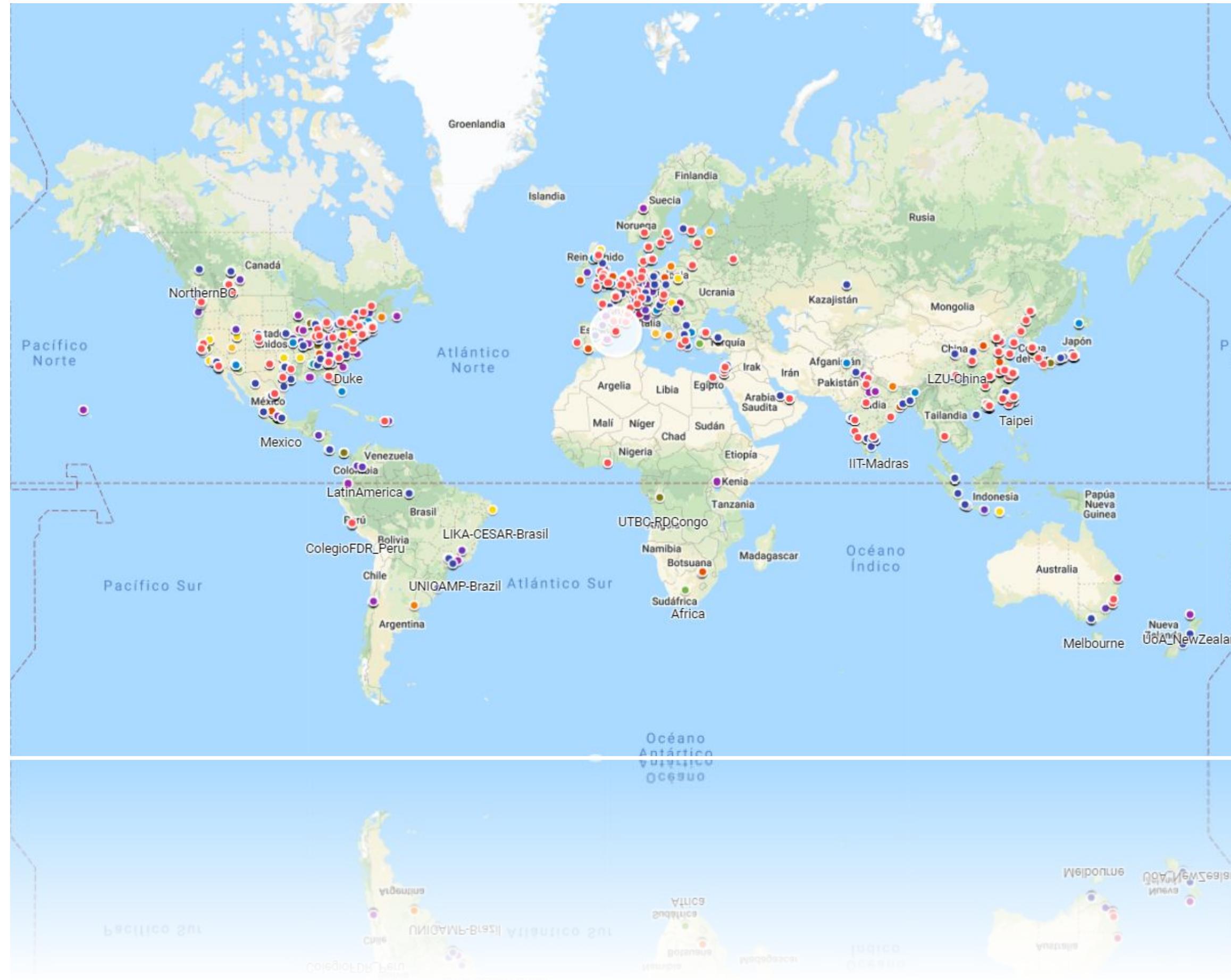
Know more about us

The **ARIA iGEM UPF 2021 Team** is a [Barcelona-based](#) research group of [11](#) undergraduate [students](#) specializing in the fields of [biomedical engineering](#) and [human biology](#).



WHAT IS iGEM?

The Premiere International Synthetic Biology Competition



worldwide

science, engineering

and entrepreneurship

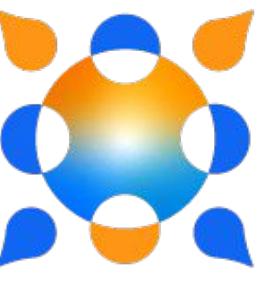
event.

WHAT IS iGEM?

The Premiere International Synthetic Biology Competition



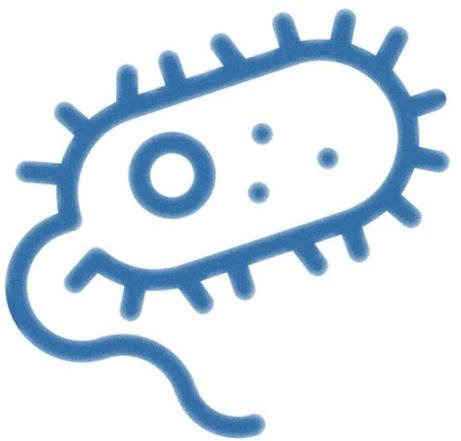
Every year,
nearly 6,000 people
strive to create a
positive contribution
to our society.



WHAT IS OUR PROPOSAL?

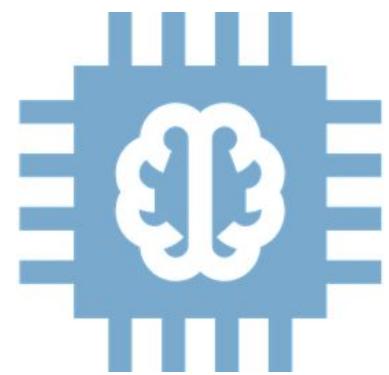
Value Proposal & Core

We aim to find an **innovative** solution to avoid the explosion of **antibiotic resistance** pandemic.



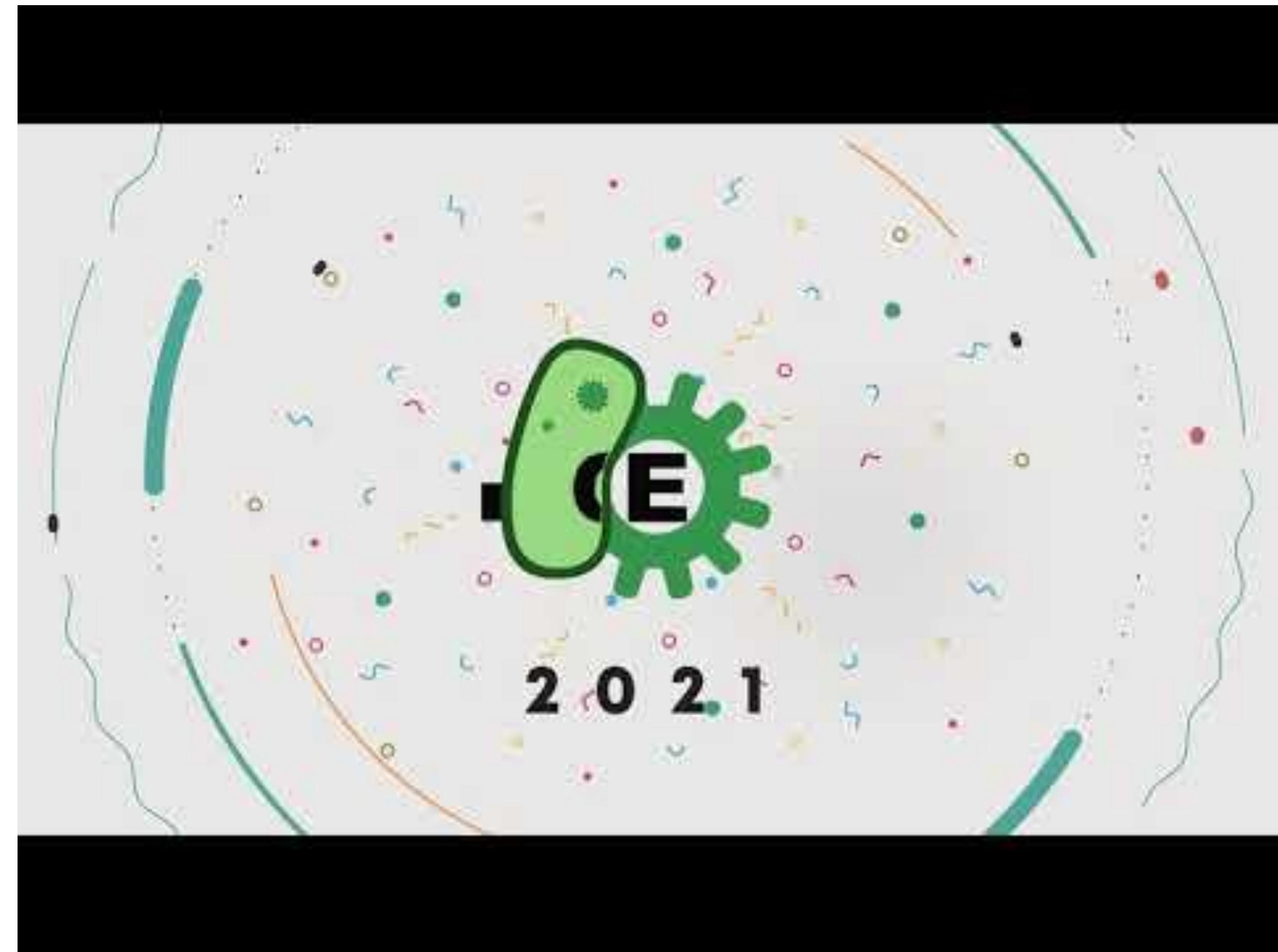
How?

Synthetic Biology + Artificial Intelligence



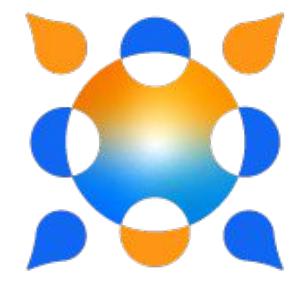
We propose a dynamic strategy to beat pathogens at their own game: evolution. We are developing **two advanced AIs** that fight against multiresistant bacteria using a highly adaptive biosensor system.

2' SPOT



Link to the video in our youtube channel: <https://www.youtube.com/watch?v=qlk3oyXahR0>

WHY DO WE NEED YOUR SUPPORT?



Financial aid

Our **team**, presenting the [project](#) in the [iGEM 2021 Competition](#), needs the proper [support](#) to work both in the laboratory and in our computers, and to deal with the complex logistics associated.



HOW COULD YOU BENEFIT?

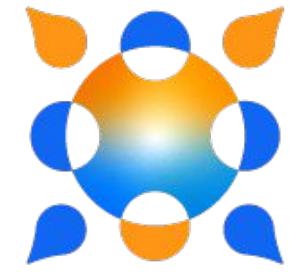
Appearance in high-valued scenarios

MIT - UPF - iGEM Competition - ARIA Social Media - ARIA Wiki-Web



WHY IS IT A UNIQUE CHANCE?

Boost your commitment & company reputation



A R I A

Show your association with **talent + science + health** engagement.

Support a cause that may **avoid the great pandemic** of our century.

Expand your reputation from **Barcelona** and **Spain** towards the entire **world**.

Contact us
for more information



igem@upf.edu