



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



Every year,

nearly 6,000 people

strive to create a

positive contribution

to our society.





WHAT IS OUR PROPOSAL?

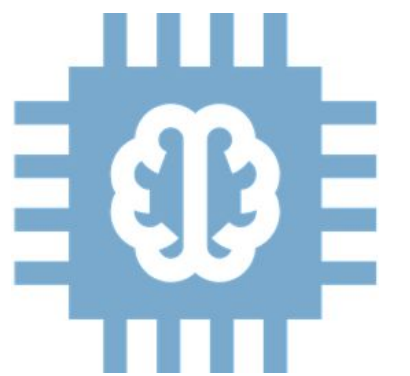
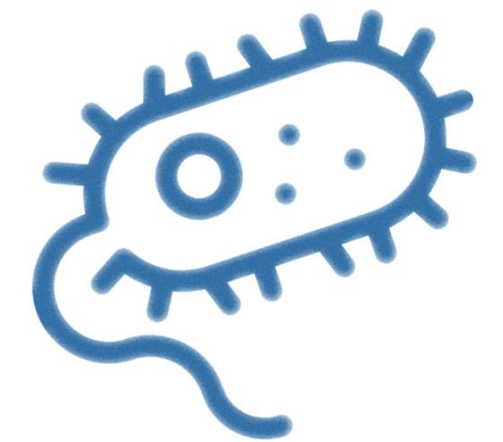
Value Proposal & Core

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

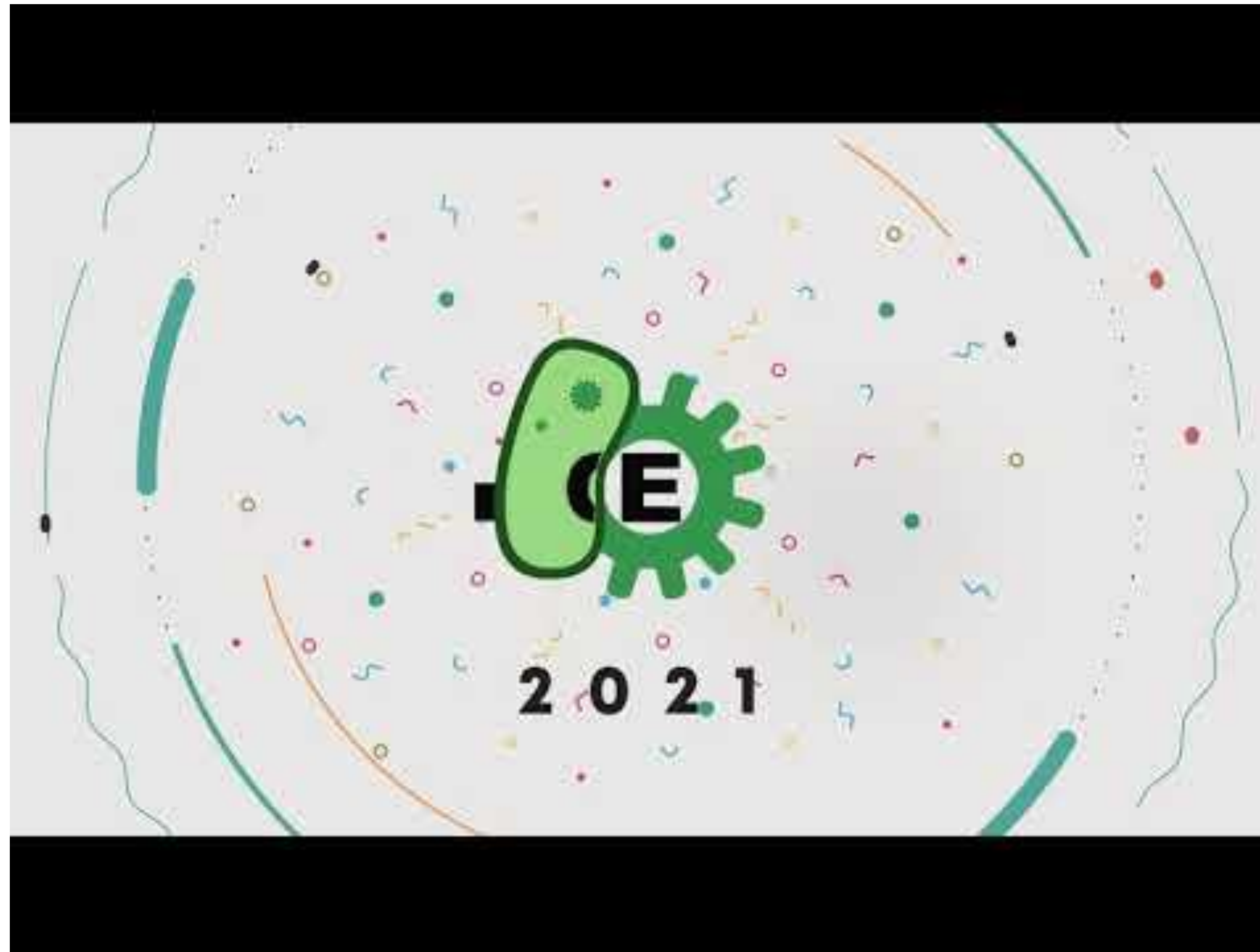
How?

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

