



# **PLAS • FIGHTER**

Plasmid Biology & Evolution

A groundbreaking project led by  
our researcher Álvaro San Millán

## **Antimicrobial Resistance (AMR) Glossary**



**What's behind the  
infections that no longer  
respond to treatments?**



## **Antibiotic Overuse**

Using them when they're not needed fuels resistance.

## **Antibiotic Misuse**

Not finishing prescriptions helps microbes adapt.

## **Agricultural Overuse**

Antibiotics in livestock can spread resistance.

## **Avoiding Infection Control**

Negligence in infection containment protocols allows superbugs to thrive.

## **Accelerated Global Travel & Trade**

Resistant bacteria spread across borders fast.



**By understanding how  
resistance-carrying plasmids  
interact with bacterial  
genomes, the PLAS-FIGHTER  
project is unlocking new ways  
to target antibiotic resistance**



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