



PLAS • FIGHTER

Plasmid Biology & Evolution

A groundbreaking project led by
our researcher Álvaro San Millán

Antimicrobial Resistance (AMR) Glossary



Growth Promotion:

The use of low-dose antibiotics in livestock to speed up growth and weight gain—even when animals are not sick.



This routine antibiotic use in farming accelerates the emergence of resistant bacteria in animals, which can spread to humans through the food chain or the environment.



This practice has been banned in the European Union since 2006. However, many countries still allow it.

The World Health Organization (WHO) urges a global ban to help stop the spread of antimicrobial resistance.



The **PLAS-FIGHTER project aims to design novel therapeutic approaches to fight antimicrobial resistance, including new drugs that target AMR plasmids and better use of existing antibiotics that turn bacterial resistance into a new weakness.**



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