



PLAS • FIGHTER

Plasmid Biology & Evolution

A groundbreaking project led by
our researcher Álvaro San Millán

Antimicrobial Resistance (AMR) Glossary



A **biofilm** is like a cozy community where bacteria stick together on a surface —like living tissues, medical devices, or other materials— and build a slimy protective layer around themselves.



Bacteria living in biofilms can be up to **1,000 times more resistant to antibiotics than when they're floating around alone!**

This makes biofilms a **major challenge in treating infections, especially in patients with medical devices such as **catheters or implants.****



Researchers from the **PLAS-FIGHTER project** investigate the molecular mechanisms behind antibiotic resistance to uncover innovative solutions.



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