

Microalgae Cell Factories

What is a Microalgae Cell Factory? The microalgae-microbial fuel cell (mMFC) is a cool way to produce electricity using tiny plants and bacteria.

Here's how it works: We grow microalgae like *Chlorella vulgaris* or *Spirulina platensis* in one part of the cell, called the cathode chamber. These microalgae do photosynthesis, which means they make oxygen as a side product.

The electrons travel through a wire to the cathode chamber, where they meet up with the oxygen made by the microalgae. When they mix, they make water. So, we get electricity and clean water as a bonus!

