



Fast Facts

Bluetools will unravel the potential of marine microbiomes for healthier oceans and the blue economy.

Basic information

12/2022

Start date

14

Beneficiaries

11/2026

End date

7

Countries

48 months

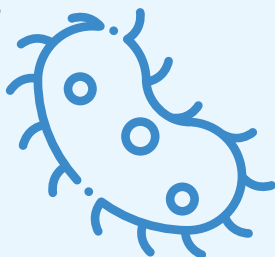
Duration

9M €

Budget

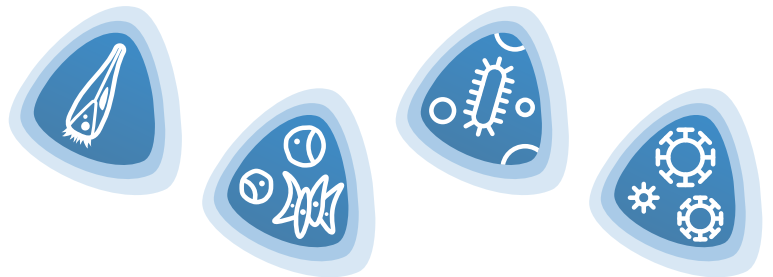
Marine Microbiomes

Microorganisms are found everywhere. And in each liter of seawater, there are billions of them. Although tiny, they present astonishing genetic and morphological diversity and are the most common living beings in the oceans.



What are the 5 types of marine microbes?

The term “marine microbe” covers a diversity of microorganisms, including microalgae, bacteria and archaea, protozoa, fungi, and viruses.



Which bioactive compounds come from marine bacteria?

Carbohydrates, pigments, polyphenols, peptides, proteins, and essential fatty acids are widely studied for their various applications.

What are the potential uses of marine microbiomes?

Because they are so biodiverse and can produce so many compounds, they can be useful in many industries such as pharmaceutical, chemical and agriculture.



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