

QUESITO ESTRATTO

Quesito 1

Please, define the genetic diversity of the marine ambient and describe methods can be applied to study it.

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Quesito 2

Why it is important to maintain the genetic diversity of an ambient? And in particular why the marine ambient can be considered the most important to maintain from this point of view?

QUESITO NON ESTRATTO

Quesito 3

Please, describe the RNA function. How many RNAs are present in a eukaryotic cells and which function do they have?

QUESITO NON ESTRATTO

Quesito 4

Which genetic tools do you know to manipulate the genome of a marine organism? Please, describe one tool in detail.

QUESITO NON ESTRATTO

Quesito 5

Can marine organisms be used as bio-indicators? Please make an example of such application in relation with genetic tools available.

QUESITO NON ESTRATTO

Quesito 6

How genetic tools can be used for marine species conservation? Which is the main problem related to their usage?

QUESITO NON ESTRATTO

Quesito 7

What is the environmental DNA (eDNA) analysis and what does it permit to evaluate? Which problem has the utilization of eDNA for the identification of foreign species?

QUESITO NON ESTRATTO

Quesito 8

Please, describe a DNA sequencing method and how it can be applied for the maintenance of marine organism diversity.

QUESITO NON ESTRATTO

Quesito 9

Describe what genetic factors are, their contribution in the definition of a population and consider their interaction with the ambient.

QUESITO NON ESTRATTO

Quesito 10

Define the transcriptome of a tissue and describe techniques for its study.