

## Contents of Week 5

### Topics

In this week the learning materials related to Topic 5, "Impact of plastic pollution in human health" are made available. Two subjects are addressed: "Nanoplastics and Health", and "Epigenetics". You have access also to the first set of materials related to Topic 6, "Mitigation techniques and solutions". The use of enzymes for plastic (bio)degradation is the subject being addressed.

### Resources

The lecture about "Nanoplastics and Health" is presented by Prof. Vasco Branco, from the Faculty of Pharmacy. The video with this lecture is made available together with the pdf file containing the corresponding powerpoint version. An interesting review article, on the "Impact of Microplastics and Nanoplastics on Human Health" is also made available.

The lectures about "Epigenetics" are presented by Prof. Leonor Morais, from the School of Agriculture. The videos with these lectures are also made available together with the pdf files containing the corresponding powerpoint versions. Additional videos about epigenetics are also included.

Prof. Maria Luísa Serralheiro, from the Faculty of Sciences presents a lecture on the use of enzymes to enhance (bio)degradation of plastic. Several videos on the same subject are also included in this week's learning materials.

As usual, advanced learning materials are available for those who may be willing to deepen knowledge on those subjects.

### Activities

This week, the third quiz will be launched. It includes questions related to the subjects discussed in Topic 3, "Plastics and Polymers". The quiz will be opened on the 21<sup>st</sup> of April and, if you wish, you may repeat it once (you have two attempts to answer to the complete quiz). You may submit your answers until the 13<sup>th</sup> of June. The best grade obtained in those two attempts will be considered.

The fourth Social Networking Activity is also launched. Do not miss the surprise activity our Ulisses mentors have prepared for you!

Enjoy the week!

Ulisses Team

Lisbon, 17<sup>th</sup> April 2021