

## **EUGLOH project “Scientific English”**

This course is an initiation to scientific communication in English. Through different tests, students will learn how to use the main tools of scientific communication in English, such as: understanding research articles, writing an abstract, preparing a poster and oral presentation on science and society topics, as if they were at an international congress, and engage in debates. The course also aims at reassuring students and encourage them to use English to discuss scientific topics with other people, even if their English level is not very good.

Learning objectives:

### **1. How to express yourself orally in English on scientific topics.**

The goal here is not to improve grammar skills or English accent, but rather to be able to communicate with other people (English or non-English speakers) to talk about science using English as an international tool, without being inhibited by their level. To practice, the students will for example introduce themselves in front of the class, participate in discussions, debates or presentations of scientific articles.

### **2. Write a scientific abstract from a scientific article.**

To do this, the students will have to apply a method consisting in summarizing in a very concise but precise way the different parts that conventionally make up a scientific article, namely: introduction, material and method, results and discussion.

### **3. Prepare a presentation and present it to the class on a science and society topic.**

Students will have to do bibliographic research in groups to present different aspects of a scientific theme with societal issues using a slideshow. They will be required to present their slideshow in English and answer questions asked by the audience made up of the students and their teacher. A debate will be initiated when possible.

### **4. Make and present a poster in front of the class, using a scientific research article.**

Students will do a bibliographic search to find a scientific article related to the science and society topic that they have presented orally. They will need to extract one or two figures that they will use as a basis for making a poster as if they were at a scientific congress. They will have to present their poster in English and answer the questions asked by the audience (students and teacher).

### **5. Getting familiar with peer review**

For this, the students will have a table with precise criteria allowing them to evaluate the posters and oral presentations of their classmates in order to develop their attention and critical skills.