

ANTibioticS and mobile resistance elements in WastEwater Reuse
applications: risks and innovative solutions

H2020-MSCA-ITN-2015/675530 - ANSWER



**Outreach Activity 2:
Visit at school**

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Institute for Water Quality
Resources and Waste Management



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Description

Date of the event	20.01.2017
Place where the event took place	Oporto International School, Porto, Portugal
Audience details	Around 20 11 th grade students (age 16 - 17), 2 teachers.
Description of the topic of the presentation	The presentation was entitled "Antibiotic Resistance - An environmental and public health problem" and was divided into three parts. First part introduced ESRs and ANSWER project as well as provided students with basic information about antibiotic resistance and antibiotic's history. Second part explained horizontal gene transfer and problems connected with antibiotic resistance in a public health system. Last part concerned occurrence and spreading of antibiotics and antibiotic resistance in environment.

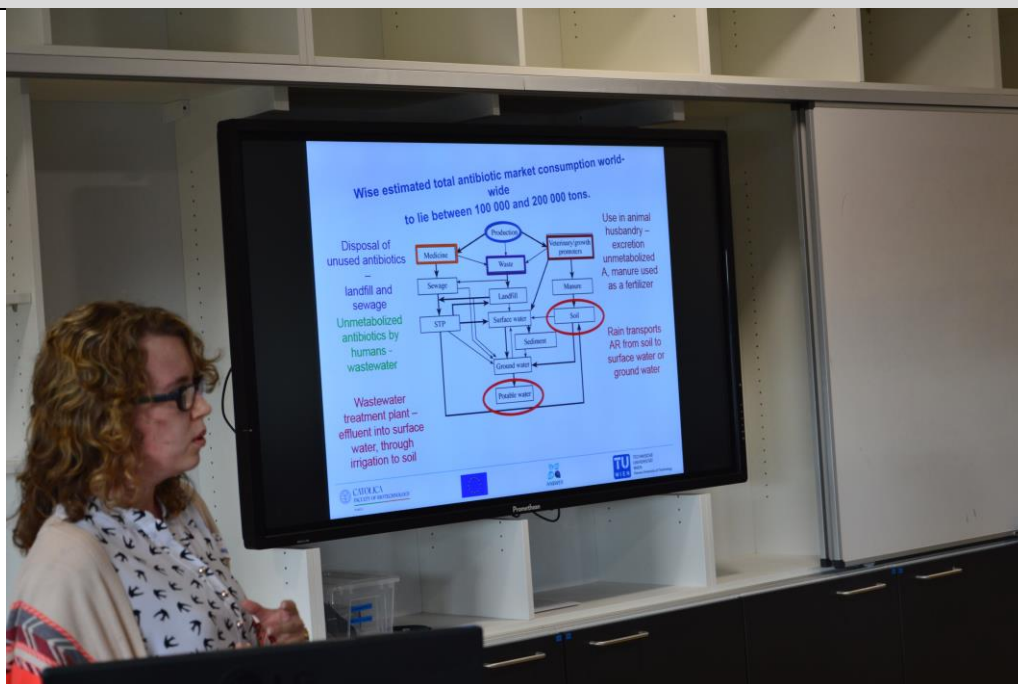
Announcement of the (i.e. café scientific) event

The event was held thanks to Oporto International School and Catholic University of Porto (UCP) collaboration.

Dissemination material distributed during the event

Dissemination material can be found on ANSWER websites.

Photos of the event





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The Faculty of Biotechnology of Universidade Católica Portuguesa - Porto certifies that **Nazareno Scaccia, Gianuario Fortunato and Slipko Katarzyna Anna** teamed together to give a one hour lecture entitled "Antibiotic Resistance - An environmental and public health problem", at the Oporto International School, Porto, on the 20th of January of 2017, to 11th grade students.

Prof. Isabel Vasconcelos
Director

Porto, 27th January 2017

Final Remarks

Students seemed interested in the topic and asked a few detailed questions. They were aware of basic microbiological methods as well as features of bacteria and gained knowledge may be useful for them during future lessons or laboratory workshops.

