

Announcement of Training Event C

on microcontaminants in the aquatic water cycle - wastewater reuse - the
Cypriot/Israeli experience

March 5-10, 2017, Rehovot, Israel

Nireas, International Water Research Center of the University of Cyprus (Nireas-IWRC) together with the Agriculture Research Organization of Israel - The Volcani Centre (ARO) and the Hebrew University of Jerusalem (HUJI) organize a Training Event (TE) on "microcontaminants in the aquatic water cycle - wastewater reuse - the Cypriot/Israeli experience" in the framework of ANSWER/H2020-MSCA-ITN-2015/675530 project, which will be held in Rehovot, Israel on March 5-10, 2017. This event will be hosted by Dr. Eddie Cytryn at the Agriculture Research Organization of Israel - The Volcani Centre (ARO). Ten (10) Early-Stage Researchers (ESRs) will participate in this event.

The aim of the TE-C is to provide ANSWER ESRs with professional and personal development opportunities beyond what they are generally exposed to in the course of their PhD training. The main objectives of this event are to (i) provide knowledge on the occurrence of pharmaceuticals in wastewater, (ii) discuss the capacity of technologies to remove them and highlight some of their major adverse effects, (iii) provide also an overview on the agronomic, chemical, microbiological, physical and hydrological aspects of treated wastewater irrigation and (iv) explore technological, economical and policy-associated issues, and enter the debate of 'what level of treatment is really needed'. Moreover, this TE consists of four complimentary skills training courses on "preparation of research proposals and management of projects", "live-media competence", "entrepreneurship and commercial exploitation of research results" and "introduction to patent law". During the course on "preparation of research proposals and management of projects", the approach of writing successful proposals will be discussed and presented through practical examples, the various research opportunities available in Horizon 2020 will be presented and best practice advice on how to manage successfully research projects will be presented. During the second course on "live-media competence", ESRs will be trained on how to disseminate science to broad audiences as an emerging and highly important skill for scientists today, on the preparation of the documentation of scientific results in short movies and science competitions, and on how to use the body language in an interactive session. Moreover, ESRs will have the chance to attend an interview training, which will help them prepare, practice and perform more effectively at interviews and give them skills and techniques to stand out from other job applicants, which is of a long-lasting value to the participants' future careers. The third course on "entrepreneurship and commercial exploitation of research results" will be given for the development of policies to regulate technological and scientific growth. And the last course "introduction to patent law" will be an introduction to the intellectual property and an overview of patents and will include among others information on 'Why You Might Want a Patent'.



Training Event C topics

Through TE-C the following aspects were tackled:

- Wastewater reuse practices and current challenges - Cypriot and Israeli case
- The soil and rhizosphere microbiome
- The impact of wastewater irrigation on soil quality, rhizosphere and soil pathogens
- Intellectual property rights and patents
- Live media competence
- Research opportunities available in Horizon 2020
- Best practice guides for writing successful proposals and managing research projects
- Entrepreneurship and start-ups
- Interview training

In addition to studying, the students will have the opportunity to enjoy interesting **guided tours** at (i) HUJI premises (aquaculture wastewater treatment pilot plant) and (ii) the Shafdan wastewater treatment plant (WWTP), as well as to explore the city in their free time.