

**ORCA SUMMER SCHOOL &
WHO COLLABORATION CENTER
INTERNATIONAL COURSE IN CARIOLOGY
13-16 JUNE 2018 - ALGHERO, ITALY**

**Porto-Conte Ricerche,
University of Sassari, Alghero, Sardinia Italy**



The 2018 ORCA Summer School took place in Porto-Conte Ricerche, Alghero, Sardinia/Italy. Prof. G. Campus from the University of Sassari was the local partner and organizer. It was combined with the International Course in Cariology by the WHO Collaboration Center and ORCA. On June 13 more than 40 participants (university researchers, postgraduate students, private dentists & dental hygienists) listened to presentations by two speakers about the current view on caries, diagnostics and prevention in the community and private practice. The consequences for daily practice in Italy were discussed afterwards. June 14, started with a welcome address by the ORCA president and a short presentation of the European Core Cariology Curriculum by the vice-president. The following joined programme with the WHO symposium contained several overview lectures by ORCA representatives on current issues in cariology such as caries ecology, clinical and radiographic diagnostics, oral health challenges in Italy, especially early childhood caries and preventive strategies.

On June 15, the ORCA summer school started with lectures on research hypothesis, study design & sample size calculation by Girvan Burnside as statistical specialist. All aspects of defining selection criteria, sequence generation, allocation, concealment, blinding in a clinical trial, the preparation of a study protocol, the requirements for a scientific papers and statistical tests as well as the interpretation of results were presented by ORCA representatives and Prof. Campus. The last lectures dealt with the different kinds of studies such as laboratory, in situ, clinical and epidemiological studies.

Finally, 4 working groups were formed and they got the task of setting up one of the mentioned different studies for a currently relevant topic in cariology. During the morning of Saturday, June 16, the working groups presented their study proposals which were discussed among the participants and the ORCA representatives. The ORCA Summer School and the joint WHO symposium were a fruitful experience for all participants and helped to promote ORCA, cariology and the growing Italian engagement in scientific-based cariology in Italy.

VENUE OF THE SUMMER SCHOOL



The local organizing team