

Announcement of Training Event B
on sample preparation and effect-based monitoring in water quality
assessment
December 8-9, 2016, Amsterdam, the Netherlands

BioDetection Systems bv (BDS) organizes a Training Event (TE) on "sample preparation and effect-based monitoring in water quality assessment" in the framework of ANSWER/H2020-MSCA-ITN-2015/675530 project, which will be held at BioDetection Systems BV, Amsterdam, the Netherlands on December 8-9, 2016. This event will be hosted by Dr. Harrie Besselink and Dr. Tjalf de Boer at BDS/MLS. Four (4) Early-Stage Researchers (ESRs) will participate in this event.

The main objectives of TE-B are the following:

- (i) In vitro bioassays for chemical analysis in water quality assessment.
- (ii) Automated sample work-up and analysis for bioscreening of environmental samples.
- (iii) Introduction to recent developments and applications of effect-based water quality monitoring and assessment.
- (iv) Use of bacterial reporters for anti-microbials.



Training Event B topics

Through TE-B the following aspects were tackled:

Specialized Course 4 (SC4):

- CALUX bioassays for micro-pollutants
- Anti-microbial bacterial reporter assays
- Development of water quality trigger values
- Use of bioassays in environmental quality monitoring and risk-assessment
- Current monitoring practice of water companies
- Seminar/discussion on relevant publications and methods used

Besides oral presentations, the main focus of this current training event is to give hands-on practical experience in performing effect-based bioassays (mammalian and bacterial).