

RA-COURSES

Advanced international training courses in health risk assessment

Exposure Assessment I: Chemical exposure assessment analysis and modelling

**Umeå University, Umeå, Sweden
November 16-20, 2009**

The course is organised by RA-COURSES, a project funded by European Union Marie Curie Actions in collaboration with the Postgraduate programme in Environmental Factors and Health at Karolinska Institutet and CASCADE Network of Excellence.

The objective of the course is to give an introduction into the field of exposure assessment with specific focus on chemical analysis and various modelling techniques.

The course will include the following topics: Environmental pollutants, analytical chemistry, and strategies for sampling, modelling and interpretation of data. Quality issues will also be covered related to environmental concentrations data and exposure assessment processes as an integrated part of risk assessment protocols.

The course consists of lectures, demonstrations of chemical analyses and a group work in form of a mini-case study where the participants will be given opportunities to take lead in the first steps of an exposure assessment. The mini-case study will e.g. include issues of sampling strategies, designing an exposure assessment and ordering of analytical chemistry data.

The intended learning outcome is to reach an understanding of exposure assessment procedures and fundamental environmental analytical chemistry to be able to examine quality of analytical data and understand modelling techniques as a complementary tool to the use of data of environmental and human levels.

The course is intended for PhD students, post docs, senior scientists and other professionals. Thirty places are available.

Course fee is 150 euro and will include course material, lunches, coffee breaks and social programme. Course fee for participants from industry is 500 euro. Payment details will be supplied to accepted participants later.

RA-COURSES will offer funding for travel, subsistence and course fee for 20 PhD students and 5 post docs.

Deadline for application to the course is September 18, 2009.

For further information and application visit: www.cascadenet.org/~RA-COURSES or www.cascadenet.org

Course organiser: Patrik Andersson and Karin Wiberg, Umeå University, Sweden.

Course committee: Patrik Andersson and Karin Wiberg, Umeå University, Sweden, Annika Hanberg and Mattias Öberg, Karolinska Institutet, Sweden, Chris Talsness, Charité Universitätsmedizin Berlin, Germany, Polly Boon, RIKILT-Institute of Food Safety, Netherlands.

Contact person: Johanna Zilliacus, Karolinska Institutet, E-mail: johanna.zilliacus@ki.se