

For further information of the courses, please contact the course leaders, CASCADE teaching manager or the CASCADE coordinator of the Risk Assessment training programme.

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All necessary details of the courses, including application forms, dead-lines for applications will be available on the CASCADE website:

www.cascadenet.org

CASCADE Facts:

The CASCADE Network of Excellence, launched in February 2004 within EU's sixth framework programme, aims to provide Europeans with a durable, comprehensive and independent network of excellence in research, risk assessment, and education on health risks that are associated with exposure to chemical residues in food. Focus lies on chemicals that act via and/or interfere with cellular regulation by hormone receptors.

CASCADE's mission is not only to fill gaps of scientific knowledge, but also to increase knowledge among the general public. Activities include state-of-the-art research, training programmes, relevant information to consumers and reliable assessment to legislators concerning risks of chemical contaminants in food.

For more information: www.cascadenet.org



**CASCADE - Chemicals as contaminants in the food chain.
A Network of Excellence for Research, Risk Assessment
and Education**

Advanced International Training Courses in Health Risk Assessment



26 September 2007

www.cascadenet.org

Risk Assessment – CASCADE Training Programme

Risk assessment is more than a collection of facts and data. It is an intellectual process that besides science also needs to address extrapolation, uncertainties and data gaps. Experience, judgements and perceptions also influence risk assessments, and our capacity to interpret the growing amount of toxicological data poses a continuing challenge. Risk assessment thus involves a thorough understanding of the scientific basis of toxicology, the overall process of risk assessment and the ability to integrate the critical information necessary to evaluate the risk of exposure to a chemical substance.

In order to increase the knowledge and understanding of risk assessment, the EU funded Network of Excellence CASCADE is organizing a training programme comprising approximately ten independent, one-week, full-time courses given over a four-year period. Some courses will be introductory, while others will be in-depth courses, focused on specific topics of risk assessment. The courses are open for PhD students, post docs, senior scientists and other professionals, both within and outside CASCADE. Collaboration with stake-holders and national/international educational activities on a university level forms an important basis of this initiative.

Scheduled courses:

- **Receptor-Mediated Toxicity**
The aim of the course is to provide state-of-the-art knowledge of toxicological mechanisms mediated by hormone receptors and endocrine signalling pathways. Organised in collaboration with the EU-funded Marie Curie project RA-COURSES (MSCF-CT-2006-045972).
Date: 22-26 October 2007. **Venue:** Stockholm, Sweden.
Course leader:
Johanna Zilliacus, Associate Professor
Karolinska Institutet, Stockholm, Sweden.
E-mail: j.zilliacus.cascade@biosci.ki.se
- **Statistics in Risk Assessment Focusing on Dose-Response Modelling.** The aim of the course is to provide knowledge on dose-response modelling in risk assessment of chemicals, including the Benchmark Dose method.
Date: 12-16 November 2007. **Venue:** Stockholm, Sweden.
Course leader:
Dietrich von Rosen, Professor
Swedish University of Agricultural Sciences Uppsala, Sweden.
E-mail: Dietrich.von.Rosen@bt.slu.se

- **Health Risk Assessment I - Principles and Applications,**
This course provides the fundamental concepts of risk assessment, and could be considered an appropriate basis for the other parts of the training programme.
Organised in collaboration with the EU-funded Marie Curie project RA-COURSES (MSCF-CT-2006-045972)
Date: 14-18 April, 2008. **Venue:** Stockholm, Sweden.
Course leader: Annika Hanberg, Associate Professor, Karolinska Institutet, Stockholm, Sweden.
E-mail: annika.hanberg@ki.se

Planned courses:

The courses are organised in collaboration with the EU-funded Marie Curie project RA-COURSES (MSCF-CT-2006-045972).

- Regulatory toxicology, autumn 2008
- Reproductive and developmental toxicology, autumn 2008
- Child health and the environment, spring 2009
- Exposure assessment I: Environmental chemistry and metabolism, including chemical exposure assessment analysis and modelling, autumn 2009
- Philosophy of risk in practical risk assessment, autumn 2009
- Health risk assessment II: Focus on cancer, developmental neurotoxicity and endocrine disruption as critical effects, spring 2010
- Exposure assessment II: Focus on residue and consumption databases and probabilistic modelling, autumn 2010
- Statistics in risk assessment focusing on dose-response modelling, spring 2011

Accomplished courses

- **Health Risk Assessment I - Principles and Applications (2006)**
Course leader: Annika Hanberg, annika.hanberg@ki.se
- **Philosophy of Risk in Practical Risk Assessment (2006)**
Course leader: Christina Rudén, cr@infra.kth.se
- **Contaminants in Food: Metabolic Fate and Analytical Approaches. State-of-the-Art and Future Trends (2007)**
Course leaders: Bruno Le Bizec, lebizec@vet-nantes.fr,
Jean-Pierre Cravedi, jcravedi@toulouse.inra.fr
- **Health Risk Assessment II: Focus on Cancer, Developmental Neurotoxicity and Endocrine Disruption as Critical Effects (2007)**
Course leader: Annika Hanberg, annika.hanberg@ki.se