

TRISK

European Toxicology Risk Assessment Training Programme

2010-2011

The European Toxicology Risk Assessment Training Programme is organised by TRISK, a project that is funded by the European Union, in the framework of the Second Programme of Community Action in the field of Health (2008-2013).

Five European universities and one research consortium are partners in the TRISK project:

University of Milan, Italy
University of Surrey, UK
Karolinska Institutet, Sweden
University of Düsseldorf, Germany
University of Utrecht, The Netherlands
Technoalimenti SCpA, Italy.

The objective of the training programme is to provide a comprehensive training in toxicological risk assessment that serves as a model for future European training in risk assessment for accredited European risk assessors.

The training programme is intended for individuals who have previous training or experience in toxicology and who would like to pursue a career in risk assessment in Europe in industry, regulatory authorities, consultancy or academia.

The intended learning outcome

After successfully completing the training programme the trainee should be able to

- understand and describe the risk assessment procedure including the different steps involved
- identify sources to obtain data needed for a risk assessment
- analyse and evaluate data to be used for risk assessment
- identify data gaps and suggest additional studies
- critically evaluate risk assessment documents
- conduct a full risk assessment
- understand and describe different regulatory frameworks
- understand the role of risk communication

The training programme includes eight 1-week-long course modules, an applied training at an institution performing risk assessments and a final examination.

		2010												2011											
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Eight course modules	8 x 1 week																								
Applied training	450 hours																								
Final examination	1 day																								

Course modules

Module	Content	Time	Organiser
Module 1	Introduction to risk assessment and management, with special attention to chemical risk assessment	January 2010	Karolinska Institutet, Sweden
Module 2	Role of ADME in risk assessment	March 2010	University of Surrey, UK
Module 3	Identification and assessment of genotoxic and non-genotoxic carcinogens	May 2010	University of Milan, Italy
Module 4	Exposure analysis in risk assessment	July 2010	University of Utrecht, Netherlands
Module 5	Identification and assessment of organ toxicity, including neurotoxicity, immunotoxicity	September 2010	University of Düsseldorf, Germany
Module 6	Epidemiology and statistics in toxicological risk assessment	November 2010	University of Utrecht, Netherlands
Module 7	Identification and assessment of reproductive toxicity and endocrine disruption	January 2011	Karolinska Institutet, Sweden
Module 8	Supplementary module. Any other suitable course available in Europe on a specific aspect of risk assessment such as cosmetics, plant protection products and biocides, consumer products, medicines and veterinary drugs, contaminants in food, soil and water, industrial chemicals, occupational exposure, risk communication, 3Rs in risk assessment.	January 2010- November 2011	Different organisers

Applied training

The trainee obtains hands-on experience in performing toxicological risk assessments at an institution, authority or industry. The organisers can find a placement for the trainee or the applied training can be done in-house in the trainee's own institution/authority/company. The applied training should correspond to at least 450 hours. The applied training programme will take place from January 2011 to November 2011.

Monitoring of trainees and examination

Each trainee will have a mentor who will follow the progress of the trainee throughout the programme. During the applied training the trainee will also have a supervisor at the training institution. Each course module will have an examination and in addition there will be a final examination at the end of the programme. After the successful completion of the programme, the trainees will receive a certificate from the TRISK project describing the training.

Costs and financial support

There will be no fee for attending the training programme. However, in the case of a supplementary module that is provided by another institution the trainees will need to pay the appropriate course fee.

Trainees will have to cover their costs of travel and accommodation related to the participation to course modules and the applied training.

Trainees will receive a grant of 4000 € to contribute to the costs associated with attending the modules and the applied training. The grant money will be allocated as follows: 1000 € after the first module and 3000 € after passing the final examination. If the trainees terminate their course of study before the end of the programme they will be required to refund the money provided.

Eligibility criteria are:

- 1a) Degree in toxicology (Master degree or similar degree) or
- 1b) Degree in another life science (such as medicine, veterinary medicine, biology, biochemistry, chemistry, environmental science, public health, bioengineering, food chemistry) and in addition, either (a) basic training in toxicology or (b) at least 2 years professional or research experience in toxicology/risk assessment (industry, national governments, consultancy companies, academia etc).
- 2) Citizenship or residence in a EU member state, Iceland, Liechtenstein, Norway.
- 3) Proficiency in the English language.

Selection

Trainees will be selected by a Selection Committee based on the selection criteria described below. A balance between nationalities of the participants will also be taken into account. Selection of at least 40% women will be aimed for. Twenty-five places are available.

Selection criteria	Assessment based on
Ability to successfully complete the training programme	Accomplished previous training, proficiency in English, letter of reference, letter of support from employer
Relevance of previous training and experience for the training programme	CV and description of previous experience
Impact and benefit of training to a future career in risk assessment	Motivation letter

Application procedure

Please complete the application form and also include

- 1) Brief CV that includes description of previous training including training in toxicology as well as description of proficiency in the English language
- 2) Short description of the applicant's previous work or research experience in toxicology/risk assessment (max 1 page)
- 3) A letter of motivation for participation in the training programme (max 1 page)
- 4) One letter of reference from a person who can provide a reference on the applicant's ability to successfully complete the programme
- 5) Description of possible funding for training programme from employer or other source
- 6) Letter of support from employer to ensure that the trainee will be able to participate in the training programme.

Deadline for application is September 30, 2009.

Send the application by e-mail to: Johanna Zilliacus, Karolinska Institutet, Sweden, E-mail: johanna.zilliacus@ki.se.

Reference letter and letter of support from employer can also be sent by fax (+46-8-711 66 59) or by post to Johanna Zilliacus, Karolinska Institutet, Dept of Biosciences and Nutrition, Division of Medical Nutrition, SE-141 86 Huddinge, Sweden.

Contact person: Johanna Zilliacus, Karolinska Institutet, Sweden, E-mail: johanna.zilliacus@ki.se, Tel. +46 8 58583737

For further information and application form visit:

www.cascadenet.org/~RA-COURSES (choose TRISK in the menu)
www.trisk-project.eu (available from July 2009)