

Partnership for the Assessment of Risks from Chemicals

Health risk assessment – principles and applications

Draft Course Programme



Partnership
FOR THE
Assessment
OF
Risks
FROM
Chemicals



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the European Union**

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Course Details

Title	Health risk assessment – principles and applications
Date	18-22 November, 2024. Take-home exam handed in latest 29 November.
Time	13.00-17.00 on 18 November, 9.00-17.00 on 19-21 November and 9.00-11.30 on 22 November (CET)
Venue	Karolinska Institutet, Campus Solna, Stockholm, Sweden. Information on rooms provided later to accepted participants.
Scientific Coordinators	Johanna Zilliacus, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, e-mail: johanna.zilliacus@ki.se Course directors: Johanna Zilliacus, Anna Beronius, Annika Hanberg, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden

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Day 1: 18 November 2024			
Time	Topic	Speakers	Activity type
13:00-13:30	Welcome and introduction to the course	Johanna Zilliacus	Presentation
13.30-14.30	Introduction of participants	Participants	Presentation
14.30-15.00	Coffee break		
15.00-15.45	Lecture 1: Concepts in risk assessment	Anna Beronius	Lecture
16.00-16.45	Lecture 2: Exposure assessment	Anna Beronius	Lecture
16.45-17.00	Reflection on today's learning	Participants	Exercise
17.00	Get together reception		

Day 2: 19 November 2024			
Time	Topic	Speakers	Activity type
9.00-9.15	Wrap-up from previous day	All	Discussion
9.15-10.00	Lecture 3: Toxicity testing	Annika Hanberg	Lecture
10.00-10.30	Coffee break		
10.30-12.15	Lecture 4: Derivation of health-based guidance values and risk characterisation	Annika Hanberg	Lecture and exercise
12.15-13.30	Lunch break		
13.30-14.15	Lecture 5: Weight of evidence assessment	Anna Beronius	Lecture
14.30-16.45	Group assignment 1: Hazard assessment, including coffee break	Participants	Group assignment
16.45-17.00	Reflection on today's learning	Participants	Exercise

Day 3: 20 November 2024			
Time	Topic	Speakers	Activity type
9.00-9.15	Wrap-up from previous day	All	Discussion
9.15-10.00	Lecture 7: European regulatory frameworks	To be confirmed	Lecture
10.00-10.30	Coffee break		
10.30-11.15	Lecture 8: New approaches and next generation risk assessment	Johanna Zilliacus	Lecture
11.30-12.15	Lecture 9: Case study 1	Anna Beronius	Lecture
12.15-13.30	Lunch		
13.30-14.15	Lecture 10: Case study 2	To be confirmed	Lecture
14.30-16.45	Group assignment 1: Hazard assessment continued, including coffee break	Participants	Group assignment
16.45-17.00	Reflection on today's learning	Participants	Exercise

Day 4: 21 November 2024			
Time	Topic	Speakers	Activity type
9.00-9.15	Wrap-up from previous day	All	Discussion
9.15-10.00	Presentation and discussion of group assignment 1	Participants	Group assignment
10.00-10.30	Coffee break		
10.30-11.15	Presentation and discussion of group assignment 1	Participants	Group assignment
11.30-12.15	Lecture 11: Case study 3	To be confirmed	Lecture
12.15-13.30	Lunch		
13.30-16.45	Group assignment 2: exposure assessment and risk characterisation, including coffee break	Participants	Group assignment
16.45-17.00	Reflection on today's learning	Participants	Exercise
17.00	Pub evening		

Day 5: 22 November 2024			
Time	Topic	Speakers	Activity type
9.00-9.15	Wrap-up from previous day	All	Discussion
9.15-10.00	Presentation and discussion of group assignment 2	Participants	Group assignment
10.00-10.30	Coffee break		
10.30-11.15	Presentation and discussion of group assignment 2	Participants	Group assignment
11.15-11.30	End of course. Take-home exam available. Handed in latest on 29 November at 17.00	Johanna Zilliacus	Presentation

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