



## Training of stakeholders

### Aim of the training

- Understanding of the overall strategy for testing and risk assessment of mixtures developed in EuroMix
- Understanding of how Adverse Outcome Pathways (AOPs) can contribute to mixture testing and risk assessment
- Understanding of how QSAR can be used to inform mixture testing
- Understanding of how exposure driven approaches can be used in the strategy for risk assessment of mixtures and the use of MCRA tool

### Draft programme

10.30	Welcome and introduction to the training (Johanna Zilliacus)
10.40	Introduction to the EuroMix project (Jacob van Klaveren)
10.55	Adverse outcome pathways (AOP) (Johanna Zilliacus/Annika Hanberg) <ul style="list-style-type: none"><li>• introduction to AOPs</li><li>• how can AOPs be used in the strategy for testing and risk assessment of mixtures</li><li>• examples from EuroMix</li></ul>
11.30	QSAR (Emiel Rorije) <ul style="list-style-type: none"><li>• what are QSARs and what can you do with QSAR to understand the toxicological potential of a chemical based on its molecular structure</li><li>• demonstration of QSAR</li></ul>
12.15	Lunch
13.15	Continue demonstration of QSAR (Emiel Rorije)
14.00	Exposure driven approaches (Amelie Crepet)
14.20	Hands on instructions on how to use MCRA (Jacob van Klaveren)
14.40	Exercise using MCRA <ul style="list-style-type: none"><li>• how to use MCRA to identify the relevant mixture (Amelie Crepet)</li><li>• exercise with worst-case assumptions regarding potency and dose/effect addition using MCRA (Jacob van Klaveren and Amelie Crepet)</li><li>• exercise with new test results coming from EuroMix testing (Jacob van Klaveren and Amelie Crepet)</li></ul>
16.00	Discussion (Johanna Zilliacus)
16.30	End of the training