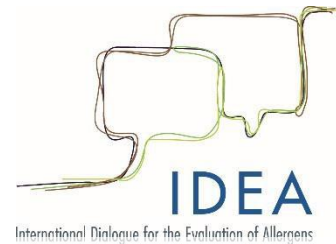


IDEA Workshop on the replacement of animal testing in QRA for skin sensitisation

Key conclusions

Key conclusions



- The workshop revealed that there is a wide range of non-animal approaches that can predict sensitization potency of fragrance substances for use in risk assessment.
- A justifiable point of departure (e.g. NESIL) can be obtained if:
 - Non-animal tests based on the Adverse Outcome Pathway are used,
 - A quantitative data integration procedure is applied, and
 - Uncertainty in the model can be assessed.
- Uncertainty can be reduced by additional data within an IATA. This is easier for substances from data rich vs. data poor domain.
- Any new technology should be assessed for its added value.
- Models should be made fully transparent to allow critical review of combined approaches. This requires:
 - Details of input data and training sets.
 - Underlying mechanistic assumptions.
 - Algorithms.
 - Basis for expert judgement.

Thank you for your attention

