

Key Conclusions

IDEA RCPL Application 2nd Workshop

September 22, 2023

1. Value of the Reference Chemical Potency List (RCPL)

The WS saw the RCPL as an important contribution for assessing potency with New Approach Methodologies (NAMs). At this stage, there is no further work planned on the RCPL.

2. Assessment of NAMs

The NAMs reviewed were generally viewed positively in their ability to predict potency values in line with the RCPL and thus can determine the Point of Departure for Risk Assessment.

For the methods reviewed at the workshop, there was good correlation between RCPL Potency Values (PVs) and predictions made with NAMs with some exceptions, possibly due to differences in applicability domain.

Refinement should now focus on the evaluation of weak/very weak sensitizers considering their widespread use in fragrances.

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3. Consequences for Risk assessments with NAMs (New Generation Risk Assessment)

Progress is needed in quantifying any additional uncertainty when using NAMs instead of in vivo data.

A structured approach is needed to deal with chemicals outside the applicability domain of certain NAMs.

Nevertheless, we now have the ability to do risk assessment for skin sensitisation without the use of newly generated animal and human data.