

IDEA Workshop Pre- and Pro-haptens

October 20-21th, 2015

Martin's Klooster Hotel
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Final Program

The WS will build on what has been discussed and agreed at the June 2015 Expert WS on improved mechanistic understanding of pre- and pro haptens formation as well as on analytical developments. The intention is to bridge what has been worked out in the June Expert Workshop and progressed over the summer, with clinical findings.

Monday, October 19th – Arrival and Registration

16:00 -18:30 Welcome and registration

18:30 - 21:30 Standing buffet

Tuesday, October 20th (09:00 to 17:00) – Day 1 (Predikheren meeting room)

09:00 - 09:15 Workshop opening – *Hans Bender and Matthias Vey*

Hydroperoxide TF report

09:15 - 09:45 Update on the work program, status, remaining activities and timelines. Proposals of next steps

Speaker: Alain Chaintreau (Firmenich)

09.45 – 10.15 Moderated discussion on proposals and agreement on conclusions

Pre-hapten – clinical data and interpretation

10.15 – 10.45 Update on clinical data including discussion on relevance of cross reactivity

Speaker: Ann-Therese Karlberg and Johanna Bråred Christensson (University of Gothenburg)

10.45 – 11.00 Coffee Break

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11.00 – 11.30 An alternative position on the role of cross reactivity and different theoretical scenarios to explain high frequency of patch test reactions.

Speaker: Andreas Natsch (Givaudan)

11.30 – 12.00 Moderated discussion on proposals for next steps

12.00 – 12.30 What is known based on metabolism, induction and elicitation data (animal and clinical) regarding biotic pro-hapten on pro-hapten activation, 'cross' reactivity of e.g. esters and breakdown products - mechanistic understanding and quantitative follow up.

Speaker: Jean-Pierre Lepoittevin (University of Strasbourg)

12.30 – 12.45 Moderated discussion, proposals, next steps

12.45 – 13.45 Lunch

Understanding Pro-haptens

13:45 - 14:30 State of knowledge on abiotic hapten formation (hydrolysis) using examples of fragrance ingredients and state of the art on the technical management of those transformations

Speaker: Chris Powell (Unilever)

14:30 – 15:15 The methodological challenges – what is known about pro-hapten activation of fragrance materials in the in-vivo and in-vitro test methods we use for induction.

Speaker: David Basketter (Consultant) and Brunhilde Blömeke

15:15 - 15:45 Moderated discussion

15:45 - 16:00 Coffee break

16:00 - 16:30 Usefulness of computer models in predicting pre- and pro-electrophilic activation of chemicals in skin sensitization assessment - modelling of metabolic pathways via QSAR/SAR – are quantitative considerations possible?

Speaker: Chanita Kuseva (University of Bourgas)

16:30 – 16:45 Moderated discussion as basis for key conclusions on pro-haptens

Conclusion of Day I

16.45 – 17.00 Preliminary progress report

Speaker: Rapporteur of the workshop (Jim Bridges)

End of Day I

19:00 – 22:00 Dinner

Wednesday, October 21th (09:00 to 15:00) – Day 2 (Predikheren meeting room)

09:00 - 09:15 Wrap-up of Day 1

Pre- and pro hapten consideration in current risk assessment (of sensitizers)

09.15 – 09.45 How pre-and pro haptens are currently incorporated in our risk assessment methodology build around the QRA?

Speaker: Anne Marie Api (RIFM)

9.45 – 10.15 Moderated discussion and confirmation of Working Groups for day 2

10.15 – 10.45 Coffee break

Working group discussions

10:45 – 13:00 The participants will be subdivided into working groups

13:00 – 13:45 Lunch break

13:45 – 14:30 Presentation of the conclusions / recommendations of the working groups

Workshop conclusion

14:30 – 15:00 Conclusions of the workshop and next steps with regard to ‘How confident can we be that pre-and pro haptens are adequately incorporated in our RA methodology build around the QRA II?’

Speaker: Rapporteur of the workshop (Jim Bridges)

End of Day 2

15:00 End of Day 2 and workshop closing