

IDEA Expert Workshop Pre- and Pro-haptens

June 16-17th, 2015

Château du Lac

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Program

Monday, June 15th – Arrival and Registration

16:00 -18:30 Welcome and registration

18:30 - 21:30 Standing buffet (Château du Lac, Grand Salon du Lac)

Tuesday, June 16th (09:00 to 17:00) – Day 1 (Geneviève plenary meeting room)

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

First session – Update on developments since the last pre- and pro-hapten WS

09:15 - 09:45 Clinical developments: How do clinical data help in the identification and characterization of pre- and pro-haptens? Status of knowledge on 'cross reactivity' when patch testing with oxidized materials. What are the main knowledge gaps?
Speaker: Ann-Therese Karlberg (University of Gothenburg)

09:45 – 10:15 Analytical chemistry developments: Development of an analytical methodology specific to hydroperoxides – report from the Hydroperoxide TF
Speaker: Alain Chaintreau (Firmenich)

10:15 – 10:45 Moderated discussion

10:45 – 11:00 Coffee break

11:00 - 11:30 Abiotic transformation developments: pre-hapten activation and consumer products (The methodological challenges. What type of structures / structural groups among fragrance ingredients are particularly vulnerable to conversion to haptens? What are the main knowledge gaps?)
Speaker: Dave Roberts (Liverpool John Moores University)

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- 11:30 – 12:00 Skin absorption developments. Relevance of current test systems to man.
Speaker: Monika Schäfer Korting (Free University of Berlin)
- 12:00 - 12:30 Moderated discussion
- 12:30 - 13:15 Lunch
- 13:15 - 13:45 Biotic transformation developments: pro-hapten activation
(The methodological challenges – what is known about prohaptens activation of fragrance materials in the *in-vivo* and *in-vitro* test methods we use for induction)
Speaker: David Basketter (Consultant)
- 13:45 - 14:00 Moderated discussion

Second session – The way forward: important knowledge gaps and prioritization in filling them

- 14:00 - 14:30 Predicting pre- and pro- electrophilic activation of chemicals in skin sensitization assessment
Speaker: Chanita Kuseva (University of Bourgas)
- 14:30 - 15:00 The skin as a metabolizing organ of pro-haptens (Understanding of the fate of reactive chemicals in the skin)
Speaker: Hans Merk (University of Düsseldorf)
- 15:00 – 15:30 Moderated discussion
- 15:30 - 15:45 Coffee break
- 15:45 - 16:15 Pro-hapten activation and subsequent interaction with proteins: Mechanistic understanding and quantitative follow up
Speaker: Jean-Pierre Lepoittevin (University of Strasbourg)
- 16:15 - 16:30 Moderated discussion

Conclusions of Day I

- 16:30 – 17:00 Preliminary progress report
Speaker: Rapporteur of the workshop (Jim Bridges)

End of Day I

- 19:00 – 22:00 Diner (Château du Lac, grand Salon du Lac)

Wednesday, June 17th (09:00 to 15:00) – Day 2 (Geneviève plenary meeting room)

09:00 - 09:15 Wrap-up of Day 1 and confirmation of Working Groups for day 2

Third session – Risk management opportunities

09:15 – 09:45 Minimization of pre-hapten conversion (focus on oxidation) to haptens by improved formulation, storage and packaging
Speaker: Andreas Natsch (Givaudan)

09:45 – 10:00 Coffee break

Fourth session – Working groups discussion

10:00 – 12:00 The participants will be subdivided into up to three working groups

12:00 – 12:45 Lunch break

12.45 – 14.15 Presentation of the conclusions / recommendations of the working groups

14:15 – 14:45 Conclusions of the workshop and next steps

End of Day II

15:00 End of Day 2 and workshop closing