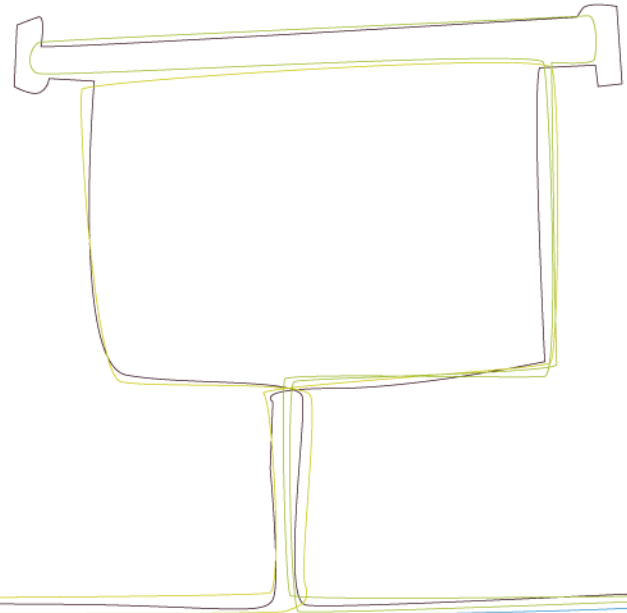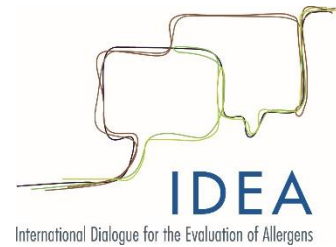# How can we obtain better correlation between dermatological observations and consumer exposure to pre- and prohaptens

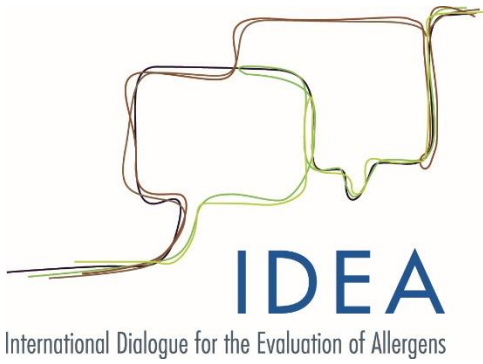Summary of breakout group 2

Participants

- Donald Belsito
- Hans Bender
- Brunhilde Blömeke
- Johanna Bråred-Christensson
- Alain Chaintreau
- Peter Friedmann
- Ann-Therese Karlberg

- Jean Pierre Lepoittevin
- Vincent Murat
- Andreas Natsch
- Ulrika Nilsson
- Neil Owen
- Dominique Favier
- Axel Schnuch
- Ian White

Analytics

- The group recommends to focus on the hydroperoxides of limonene and linalool.

- Development of analytical methods to determine the hydroperoxide concentrations on all current consumer products matrix types

- Analytical market overview on the key exposure sources according to the Creme exposure model.

- Analysis of hydroperoxide content of consumer products retrieved from patients with a positive patch test for oxidized limonene and linalool.

Clinical work

- Multi-center study as per known protocol developed to test QRA2 to find the correlation between a patch test results and current levels of exposure to hydroperoxides.

- Work on guidance on the selection of products.

- Efforts should be made to align all the centers on the same level of understanding before starting the study.

- Multi-center ROAT studies on a subset of patients with a positive patch test to the hydroperoxide with products labelled with Limonene or Linalool and suspected to have caused their dermatitis.

Thank you for your attention