

8th Meeting of E2BRN in Helsinki (Finland)

8th Meeting of the European Epidermal Barrier Research Network (E2BRN) in Helsinki (Finland)

Invitation to the E2BRN meeting 2010 and Call for abstracts

Last year a very successful 7th European Epidermal Barrier Research Network (E2BRN) meeting was organised as satellite meeting of the Annual meeting of the European Society of Dermatological Research (ESDR) in Budapest in September 2009. Based on this success it was decided to organise in 2010 the 8th E2BRN meeting again as a satellite of the 40th annual meeting of the ESDR in Helsinki (Finland).

The E2BRN satellite meeting will take place on September 8 and 9, 2010. Registration should be done via the ESDR website (<http://www.esdr2010.org/>). Accommodation can also be booked by the ESDR website.

Colleagues who register for the ESDR meeting (ESDR members: EUR270, non ESDR members: EUR500) are automatically registered for the E2BRN meeting at no additional costs. You can also register for the E2BRN meeting only at the reduced fee of EUR100.

The program of the E2BRN meeting is provided below. There are a number of invited lectures and a Workshop on "The Epidermal Barrier in Atopic Eczema". Besides invited lectures, there are also a number of slots for short oral communications (15 minutes including discussion) and a possibility to present posters. The oral communications will be selected based on the submitted abstracts. The submitted abstracts will not be published to allow you to present your latest results.

The abstract should have a length of 250 words or less and should include a description of the purpose of the study, a description of the experimental design, a summary of results, and a conclusion. Please do not include graphics, tables or references.

The abstracts should be submitted to Connie van Gent:
email: c.van.gent@lacdr.leidenuniv.nl.

The deadline of abstract submission is 1 July 2010.

We hope to welcome you on this satellite symposium. We are very much looking forward to this event!

The organisers,
Joke Bouwstra and Leopold Eckhart

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Program

Wednesday, September 8

13:30 - 16:30

Session 1

Chair: Marek Haftek (Lyon)

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| 13:30 - 14:00 | Johanna Brandner (Hamburg):
Involvement of tight junctions in skin barrier function of mouse and man |
| 14:00 - 14:15 | Stephan Dähnhardt-Pfeiffer (Kiel):
Inner surface of the stratum corneum and the barrier ultrastructure in atopic dermatitis investigated by electron microscopy using the non invasive sampling technique Lipbarvis® |
| 14:15 - 14:30 | Joke Bouwstra (Leiden):
The role the lipid organisation plays in the skin barrier in healthy and diseased skin |
| 14:30 - 14:45 | Wim Declercq (Ghent):
Caspase-14 is required for filaggrin degradation to natural moisturizing factors in the skin |
| 14:45 - 15:00 | Coffee break |
| 15:00 - 15:30 | Yves Poumay (Namur):
Cellular response to cholesterol depletion in human epidermal keratinocytes |
| 15:30 - 15:45 | Chiung-Yueh Hsu (Toulouse):
Deimination of filaggrin-2 increases its proteolysis by calpain I |
| 15:45 - 16:00 | Sean Saunders (Dublin):
A mouse strain with a filaggrin mutation: a model for human atopic dermatitis |
| 16:00 - 16:30 | Coffee break and poster viewing |

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- 16:30 - 18:00** **Workshop on the epidermal barrier in atopic eczema**
Joint session with the COST action on Skin Barrier and atopic diseases (SKINBAD)
Chair: Ehrhardt Proksch (Kiel)
- 16:30 - 17:00 Sanja Kezic (Amsterdam):
Skin barrier in atopic eczema
- 17:00 - 17:30 Matthias Schmuth (Innsbruck):
Correlation between genotype and skin barrier function in ichthyosis vulgaris
- 17:30 - 18:00 Alain Hovnanian (Paris):
Skin barrier defect and allergy by dysregulation of epidermal proteases: from mouse models to Netherton syndrome
- 20:00 Dinner

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Thursday, September 9

09:00 - 10:30

Session 2

Chair: Patrick Zeeuwen (Nijmegen)

- 09:00 - 09:30 James Birchall (Cardiff):
Testing intradermal macromolecule and vaccine delivery in 'live' human skin
- 09:30 - 09:45 Heleen D. De Koning (Nijmegen):
Expression of pattern recognition receptors in normal and inflamed human epidermis: upregulation of dectin-1 in psoriasis
- 09:45 - 10:00 Ulf Meyer-Hoffert (Kiel):
Delivery of flagellin by *Pseudomonas aeruginosa* rhamnolipids throughout the skin barrier induces an innate immune response
- 10:00 - 10:30 Sirkku Peltonen (Turku):
Human epidermal tight junctions in health and disease

10:30 - 11:00

General assembly of our E2BRN

E2BRN meeting 2010 is supported by

