



16<sup>th</sup> Annual scientific meeting of the  
Nederlandse Vereniging voor  
Experimentele Dermatologie  
5 and 6 February 2015

**Programme**

At the 16<sup>th</sup> annual scientific meeting of the NVED the ongoing scientific research in dermatology in the Netherlands will be presented.

Programme summary

**Thursday 5 February 2015**

09.30	-	10.15	Registration and welcome with coffee/tea
10.15	-	10.25	Opening by the chair of the NVED
10.25	-	11.55	Session I: Dermato-oncology
11.55	-	13.00	Lunch
13.00	-	14.15	Session II: Immunology and Infection
14.15	-	15:15	Poster session I
15.15	-	16.45	Session III: Clinical Studies
16.45	-	17.00	Introduction Q and A sessions
17.00	-	17.45	17 <sup>th</sup> general assembly of the NVED
17.45	-	20.00	Drinks and Dinner
20:00	-	21.00	Guest Lecture by dr. Anna Simon (RUMC):

**Friday 6 February 2015**

09.00	-	10.00	Session IV: Skin Biology 1
10.00	-	11.00	Poster session II
11.00	-	12.15	Session V: Other
12.15	-	13.15	Lunch
13.15	-	14.15	Guest Lecture by Prof. dr. Maarten Vermeer (LUMC)
14.15	-	15.15	Session VI: Skin Biology 2
15.15	-	15.30	Awards for best presentation and poster
15.30			Closure

## **Thursday 5 February 2015**

- 09.30 - 10.15 **Registration and welcome with coffee/tea**
- 10.15 - 10.25 **Opening by the chair of the NVED**
- 10.25 - 11.55 **Session I: Dermato-oncology**  
Session chairs: Nicole Kelleners-Smeets (MUMC), Elke de Jong (RUMC)
1. Kim Nguyen  
*RUMC* Reflectance confocal microscopy: in vivo distinction between actinic keratosis and squamous cell carcinoma
  2. Eva van Loo  
*MUMC* Surgical excision versus Mohs' micrographic surgery for basal cell carcinoma of the face: a randomised clinical trial with 10 year follow-up of multiple basal cell carcinomas
  3. Nadia Khemir  
*LUMC* Identifying somatic structural variations and gene expression signatures in Primary Cutaneous Large B-Cell Lymphoma, Leg Type (PCLBCL, LT)
  4. Tjinta Brinkhuizen  
*MUMC* Acquired resistance to the Hedgehog pathway inhibitor vismodegib due to smoothed mutations in treatment of locally advanced basal cell carcinoma
  5. Valerie Joosten  
*MUMC* Ranking of risk factors for cutaneous malignant melanoma in the general population: A systematic review and meta-analysis
  6. Wim Zoutman  
*LUMC* Mutation in PIGA results in CD52 negative escape variant in Sézary syndrome patient during alemtuzumab treatment
- 11.55 - 13.00 **Lunch**
- 13.00 - 14.15 **Session II: Immunology & Infection**  
Session chairs: Menno de Rie (AMC), Bing Thio (Erasmus-MC)
7. Danique van der Krieken  
*RUMC* Development of an in vitro microbiome and infection model
  8. Jos Smits  
*RUMC* Keratinocyte response to IL-9: a role for IL-9 in skin barrier defects in AD?
  9. Henrike Broekman  
*UMCU* Shrimp allergic patients at risk when eating mealworm
  10. Inge Deckers  
*Erasmus-MC* Predominance of inflammatory and immune regulatory proteins in lesional skin - Insights into hidradenitis suppurativa immunopathology
  11. Joost Meijer  
*UMCG* Anti-p200 pemphigoid: a new entity in the spectrum of autoimmune bullous diseases

14.15 - 15:15 **Poster session I (with coffee/tea)**

- P1. Kelly Sinx  
*RUMC* Risk of photosensitive diuretics on developing skin malignancies in immunocompromised renal transplant patients
- P2. Daniel Kadouch  
*AMC* In vivo confocal microscopy of basal cell carcinoma: a systematic review of diagnostic accuracy
- P3. Jorre Mertens  
*RUMC* Disease recurrence in localized scleroderma: a retrospective analysis of 344 patients with pediatric or adult-onset disease
- P4. Malou Peppelman  
*RUMC* Combining tape stripping and non-invasive reflectance confocal microscopy: an in vivo model to study skin damage
- P5. Elkie Jaspers  
*RUMC* Modulation of the IL17/IL-23 axis via inhibition of ROR $\gamma$ t suppresses imiquimod induced cutaneous inflammation
- P6. Marrit Boonstra  
*UMCG* Patch test results of hand eczema patients: relation to clinical types
- P7. Klazien Politek  
*UMCG* Drug survival of cyclosporine in the treatment of severe hand eczema: results from daily practice
- P8. JL Dickinson-Blok  
*UMCG* Increased expression of integrin  $\alpha$ 6 $\beta$ 4 at sebaceous glands of patients with hidradenitis suppurativa
- P9. Iana Turcan  
*UMCG* Novel homozygous mutation in the dystonin-e isoform causes autosomal recessive basal epidermolysis bullosa simplex in a Dutch patient
- P10. Ineke Janse  
*UMCG* Hidradenitis suppurativa and inflammatory bowel disease
- P11. Marisol Otero  
*RUMC* Effectiveness of biologic and conventional systemic treatments in the treatment of plaque psoriasis: a systematic review of reported outcomes in daily practice
- P12. Kiki Frencken  
*MUMC* A comparison of semi-automated versus pathologist-based manual quantification of immunohistochemical stains in Basal Cell Carcinoma
- P13. Henrike Broekman  
*UMCU* The effect of processing on mealworm allergenicity
- P14. Edwin Cuperus  
*Erasmus-MC* Fast-track management of neonatal erythroderma
- P15. Edwin Cuperus  
*Erasmus-MC* A systematic review of the therapeutic value in generalized pustular psoriasis and an interleukin-36 receptor antagonist deficiency (DITRA)
- P16. Arne Meesters  
*AMC* Laser ablated channels visualized by in vivo confocal laser-scanning microscopy and optical coherence tomography: when do channels close?

- P17. Joan Totté  
*Erasmus-MC* A systematic review and meta-analysis on the relation between Staphylococcus aureus and chronic inflammatory disease: psoriasis, acne and rosacea
- P18. Marcel Teunissen  
*AMC* Enrichment of natural cytotoxicity receptor positive group 3 innate lymphoid cells (NCR+ ILC3) in psoriasis

15.15 - 16.45 **Session III: Clinical Studies**  
Session chairs: Thomas Rustemeyer (VUMC), Ewout Baerveldt (Erasmus-MC)

12. Arne Meesters  
*AMC* Fractional CO2 laser assisted delivery of topical anesthetics: a randomized controlled subject blinded pilot study
13. Louise Gerbens  
*AMC* The use of symptom outcome measurement instruments in atopic dermatitis research. A systematic review of randomized controlled trials
14. Hansje-Eva Teulings  
*AMC* Anti-melanoma immunity and local clinical responses of stage III-IV melanoma patients treated with monobenzone and imiquimod; a phase 2a trial
15. Judith Thijs  
*UMCU* Evaluation of dried blood spots with a multiplex assay in atopic dermatitis
16. Lieneke Ariëns  
*UMCU* Low serum vitamin D levels in adult patients with difficult-to-treat atopic dermatitis: recommendations for daily practice
17. Juul van den Reek  
*RUMC* PIIINP screening for the detection of liver fibrosis in psoriasis patients treated with methotrexate. Daily practice use and clinical implications

16.45 - 17.00 **Introduction Q and A session**

17.00 - 17.45 **17th general assembly of the NVED**

17.45 - 20.00 **Drinks and Dinner**

20.00 - 21.00 **Guest Lecture by dr. Anna Simon (RUMC):  
"Autoinflammation: too much of a good thing"**

## **Friday 6 February 2015**

- 09.00 - 10.00 **Session IV: Skin Biology 1**  
Session chairs: Abdoel El Ghalbzouri (LUMC), Hanna Niehues (RUMC)
18. Lambert Bergers  
*VUMC* Skin-on-chip: integrating skin-tissue and microsystems engineering
19. Hanneke Monsuur  
*VUMC* Adipose endothelial cells as an alternative to dermal endothelial cells for skin tissue engineering
20. Evelyn Kouwenhoven  
*RUMC* Unraveling the transcriptional program controlled by transcription factor p63 during epidermal keratinocyte differentiation provides novel candidate genes and regulatory elements for genetic studies of skin diseases
21. Angelique Poot  
*UMCG* Ultrastructural changes in mucosa of pemphigus foliaceus patients
- 10.00 - 11.00 **Poster session II (with coffee/tea)**  
**including posterwalk and presentation of selected posters**
- 11.00 - 12.15 **Session V: Other**  
Session chairs: Loes Hollestein (Erasmus-MC), Gilles Diercks (UMCG)
22. Marlies Westhuis  
*LUMC* Incidence rates and tumor characteristics of metastasized squamous cell carcinoma in organ transplant recipients.
23. Jeroen Bremer  
*UMCG* In vivo restoration of type VII collagen expression in human-skin-graft mouse model upon antisense oligonucleotide-mediated exon skipping
24. Tineke Berkers  
*LUMC* Development of an ex vivo human skin barrier repair model
25. Ena Sokol  
*UMCG* Pemphigus vulgaris auto-antibodies induce invaginations and protrusions of cell membranes
26. Jorien van der Schaft  
*UMCU* First experience with extended release tacrolimus in the treatment of adult patients with severe recalcitrant atopic dermatitis: additional value of pharmacogenetics?
- 12.15 - 13.15 **Lunch**
- 13.15 - 14.15 **Guest Lecture by Prof. dr. Maarten Vermeer (LUMC):  
Clinical and biological aspects of cutaneous lymphoma.**
- 14.15 - 15.15 **Session VI: Skin biology 2**  
Session chairs: Lenie van den Broek (VUMC), Frank de Gruijl (LUMC)
27. Gerline van de Glind  
*LUMC* Lgr5+ and Lgr6+ stem cells and their progeny in the skin after UV exposure
28. Tanja Vogel  
*UMCG* The expression of N-acetyltransferase 1 in human skin

29. Nicolas Bastidas                      The transcriptome of Lgr6+ epidermal stem  
    *LUMC*                                      cells in mouse skin
30. Ellen van den Bogaard                Towards a physiological role of the AHR in  
    *RUMC*                                      skin homeostasis: suppression of epidermal  
    differentiation by AHR antagonists and  
    selective modulators

15.15 -            15.30 **Awards for best presentation and poster**

15.30                      **Closure**

Meeting Location:  
Congress hotel 'De Werelt'  
Westhofflaan2  
6741 KH Lunteren  
Tel: 0318-484641

Accreditation:  
The NVDV has awarded 11 points (Thursday 6, Friday 5) for full participation in this scientific meeting last year; accreditation for 2015 is applied for.

Programme committee:  
Nelleke Gruis (LUMC), Michel van Geel (MUMC), Patrick Zeeuwen (RUMC), Christianne Reijnders (VUMC), Gilles Diercks (UMCG), Loes Hollestein (Erasmus-MC), Henry de Vries (AMC), DirkJan Hijnen (UMCU)

Jury for presentation prize: DirkJan Hijnen (UMCU), Marcel Bekkenk (AMC) Piet van Erp (RUMC)

Jury for poster prize: Bibi van Montfrans (VUMC), Marjon Pasmooij (UMCG), Ellen van den Boogaard (RUMC)