



## 13<sup>th</sup> Annual scientific meeting of the Nederlandse Vereniging voor Experimentele Dermatologie

9 and 10 February 2012 in Lunteren

### PROGRAMME

At the 13th Annual scientific meeting of the NVED the ongoing scientific research in dermatology in the Netherlands will be presented.

### PROGRAMME SUMMARY

#### Thursday 9 February

- 09:30 - 10:15 Registration and welcome with coffee/tea
- 10:15 - 10:25 Opening by the chair of the NVED
- 10:25 - 12:05 Session 1: Skin physiology and -structure
- 12:05 - 13:05 Lunch
- 13:05 - 14:15 Session 2: Epidemiology
- 14:15 - 15:30 Postersession
- 15:30 - 17:10 Session 3: Oncology
- 17:10 - 17:40 14<sup>th</sup> general assembly of the NVED
- 17:40 - 20:00 Drinks and dinner
- 20:00 - 21:00 Guest lecture by Prof.dr. H. Clevers (Hubrecht Institute, Utrecht)

#### Friday 10 February

- 09:00 - 10:40 Session 4: Immunology
- 10:40 - 11:00 Coffee/Tea
- 11:00 - 12:10 Session 5: Clinical Research
- 12:10 - 13:10 Lunch
- 13:10 - 14:10 Guest lecture by Prof.dr. H.J.C. de Vries (AMC, Amsterdam)
- 14:10 - 15:20 Session 6: Gene mutations and - functions
- 15:20 - 15:30 Award for best presentation and poster
- 15:30 Closure

#### THURSDAY 9 FEBRUARY 2012

- 9.30 - 10.15 Registration and welcome with coffee / tea
- 10.15 - 10.25 Opening by the chair of the NVED, Prof.dr. J. Schalkwijk
- 10.25 - 12.05 **Session 1: Skin physiology and -structure** (introduction by session chairs)  
Session chairs: A. El Ghalbzouri and C.M.A. Reijnders
  1. E.H. van den Boogaard  
RUNMC Rho kinase inhibitor Y-27632 prolongs the life span of adult human keratinocytes, enhances skin equivalent development and facilitates lentiviral gene delivery
  2. M. Alloul-Ramdhani  
LUMC Validation of molecular markers of skin sensitization in human 3D reconstructed skin models
  3. L.J. van den Broek  
VUMC Validation of a human full-thickness tissue-engineered hypertrophic scar model with well-known and novel scar therapeutics
  4. A. Poot  
UMCG The diagnostic value of an array of laboratory techniques for paraneoplastic pemphigus
  5. M.A. Boink  
ACTA, Amsterdam Novel histatin peptides enhance wound closure in skin and gingiva
  6. M. Janssens  
LUMC The lipid composition and organization in stratum corneum of atopic eczema skin differs from healthy skin
- 12.05 - 13.05 Lunch

**13.05 - 14.15 Session 2: Epidemiology (introduction by session chairs)**

Session chairs: P.I. Spuls and E.M.G.J. De Jong

7. M. Wakkee  
*Erasmus MC* Antidepressant drug exposure and episodes in psoriasis patients: a longitudinal population based cohort
8. J.J. van der Helm  
*GGD Amsterdam* Urogenital Chlamydia trachomatis is a hyperendemic disease in Paramaribo Suriname: results from a multiethnic society
9. A.C. de Waal  
*RUNMC* Melanoma of unknown primary in the Netherlands, 1989-2009
10. L.M. Hollestein  
*Erasmus MC* NSAIDs and low dose Aspirin may prevent melanoma and keratinocytic cancers

**14.15 - 15.30 POSTER SESSION (with coffee/ tea)**

- P1. L.M.C. Gijzen  
*MUMC* Topical rapamycin to treat fibrofolliculomas in Birt-Hogg-Dubé syndrome
- P2. W.Y. Yuen  
*UMCG* Long-term follow-up of patients with Herlitz type junctional epidermolysis bullosa
- P3. D. Janson  
*LUMC* Different expression patterns human papillary and reticular fibroblasts
- P4. M.C.J. van Rijsingen  
*RUNMC* The clinical diagnoses of skin tumors: how good are we?
- P5. O. Richel  
*AMC* Risk Factors for Anal Intraepithelial Neoplasia in HIV+ Men
- P6. J.A. Easton  
*MUMC* Porokeratotic eccrine nevus may be caused by somatic connexin26 mutations
- P7. P. van Lümig  
*RUNMC* Efficacy of etanercept and adalimumab therapy for psoriasis in real-world practice
- P8. M.O. Eweje  
*LUMC* Mimicking the microenvironment of atopic eczema in vitro
- P9. T. Claessens  
*MUMC* The Birt-Hogg-Dubé protein Folliculin localizes to primary cilia
- P10. A.J. Onderdijk  
*Erasmus MC* IL-4 inhibits proinflammatory responses in epidermal cells
- P11. E.A.W. Wolberink  
*RUNMC* RCM: an effective tool in monitoring UVB phototherapy in psoriasis
- P12. T. Brinkhuizen  
*MUMC* Aberrant promoter methylation in basal cell carcinoma
- P13. L.J.N. Masthoff  
*UMCU* Diagnostics of hazelnut allergy in children. Is atopic dermatitis a risk factor for hazelnut allergy in children?
- P14. H.E. Teulings  
*AMC* Retrospective analysis of melanoma and non-melanoma skin cancer incidence in a large vitiligo patient cohort
- P15. A. Vredenburg  
*LUMC* Benign melanocytic nevi in childhood as a major indicator of risk for melanoma in hereditary melanoma. An explorative analysis

**15.30 - 17.10 Session 3: Oncology (introduction by session chairs)**

Session chairs: R. van Doorn and R.M. Luiten

11. W.H. Zoutman  
*LUMC* Validation of diagnostic and prognostic biomarkers for Sézary syndrome
12. O. Richel  
*AMC* Clinical Features of Anal Intraepithelial Neoplasia and Anoscopic Interobserver Agreement in HIV+ MSM
13. F. Çetinözman  
*LUMC* Differential expression of programmed death-1 (PD-1) in Sezary syndrome and mycosis fungoides
14. S.J. Sparks  
*LUMC* Engineering melanoma in an in vitro human skin model to study tumour behaviour and progression
15. M.H. Roozeboom  
*MUMC* Clinical and histological prognostic factors for local recurrence and metastasis of cutaneous squamous cell carcinoma: Analysis of a defined population
16. M.F. Benner  
*LUMC* Prognostic factors in transformed Mycosis Fungoides: A retrospective analysis of 100 cases

**17.10 - 17.40 14<sup>th</sup> General Assembly of the NVED****17.40 - 20.00 Drinks and dinner****20.00 - 21.00 Introduction: E.F. Knol (UMCU)**

Invited lecture Prof.dr. H. Clevers (Utrecht):

"Manipulating Lgr5 stem cells in the intestinal tract and the skin"

**21.00 Party**

**FRIDAY 10 FEBRUARY 2012**

**9.00 - 10.40 Session 4: Immunology (introduction by session chairs)**

Session chairs: M.B.M. Teunissen and H.D. de Koning

- 17. E.P.M. Tjin T cell immune function in tumor, skin and peripheral blood of advanced stage melanoma patients implications for immunotherapy  
AMC
- 18. C.M.A. Reijnders Simple wound exudate collection method identifies bioactive cytokines and chemokines in (arterio-)venous ulcers  
VUMC
- 19. E.M. Haisma P60.4, a synthetic antibacterial peptide, is effective in eradicating methicillin-resistant Staphylococcus aureus from human skin equivalents  
LUMC
- 20. R.R.M.C. Keijsers T cell mediated immune regulation at the border of psoriatic lesions  
RUNMC
- 21. E. van Hoffen Modification of major allergens in peanut results in reduced IgE activation, while maintaining T cell activation properties  
UMCU
- 22. K. Szegedi Large-scale in vivo detection of inflammatory mediators in interstitial fluid of lesional and non-lesional chronic atopic dermatitis skin  
AMC

**10.40 - 11.00 Coffee/tea**

**11.00 - 12.10 Session 5: Clinical research (introduction by session chairs)**

Session chairs: M.H. Vermeer and E.R. de Haas

- 23. H.D. de Koning Interleukin-1 beta it is: high efficacy of canakinumab in Schnitzler Syndrome  
RUNMC
- 24. S.E. Boonk Should second degree relatives of melanoma patients from families with a germline mutation in CDKN2A be screened?  
LUMC
- 25. M.J. van Geel IgE mediated food allergy and food sensitization in adult patients with atopic dermatitis  
UMCU
- 26. K.M.G. Klaassen Nail psoriasis: epidemiology and the burden of disease  
RUNMC

**12.10 - 13.10 Lunch**

**13.10 - 14.10 Introduction: L. van der Fits**

Invited lecture by Prof dr. H.J.C. de Vries (AMC):

“Genetic fingerprinting in infectious diseases epidemiology. Thriller stories to keep you up after lunch”

**14.10 - 15.20 Session 6: Gene mutations and - functions (introduction by session chairs)**

Session chairs: M.A.M. van Steensel and M. van Geel

- 27. A.M. Oostveen Genetics of juvenile psoriasis  
RUNMC
- 28. L. Gao An epigenomics guided screen for melanoma progression genes  
LUMC
- 29. M.N.H. Luijten A zebrafish model of Birt-Hogg-Dubé syndrome  
MUMC
- 30. J.G.M. Bergboer The psoriasis risk genes LCE3B and LCE3C are involved in skin barrier repair, but are not associated with the Koebner phenomenon in psoriasis  
RUNMC

**15.20 - 15.30 Awards for best presentation and poster Closure**

**Meeting location:**

Congress hotel “De Werelt”  
Westhofflaan 2  
6741 KH Lunteren  
tel. 0318-484641

**Accreditation:**

The NVDV has awarded 11 points to participation to this complete scientific meeting

**Programme committee:**

L. van der Fits, G.S. Tjabringa, G. Elliott, M.A.M. van Steensel, P.L. Zeeuwen, C.M.A. Reijnders, G.F.H. Diercks, E.R. de Haas, H.J.C. de Vries

**Jury for presentation and poster prizes:**

H.H. Pas (chairman), P.L. Zeeuwen, A. El Ghalbzouri, R.M. Luiten

**Information:**

Dr. M.M.B. Seyger, *secretaris ad interim* NVED,  
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