



15th Annual scientific meeting of the
Nederlandse Vereniging voor Experimentele Dermatologie
30 and 31 January 2014

At the 15th Annual scientific meeting of the NVED the ongoing scientific research in dermatology in the Netherlands will be presented.

Programme summary:

Thursday 30 January 2014:

- 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: Skin biology
- 11.55 - 13.00 Lunch
- 13.00 - 13.45 Guest Lecture by Prof.dr. Sue Gibbs (*AMC/VUMC*)
- 13.45 - 15.00 Session II: Immunology & Infection 1
- 15.00 - 16:00 Poster session I
- 16.00 - 17.00 Session III: Immunology & Infection 2
- 17.00 - 17.45 16th general assembly of the NVED
- 17.45 - 18.15 Drinks
- 18.15 - 20.00 Diner
- 20.00 - 21.00 Guest Lecture by Prof dr Michiel Kleerebezem (*Wageningen-UR*):
- 21.15 - Party

Friday 31 January 2014:

- 09.00 - 10.15 Session IV: Clinical studies and other 1
- 10.15 - 11.00 Poster session II
- 11.00 - 12.15 Session V: Clinical studies and other 2
- 12.15 - 13.15 Lunch
- 13.15 - 14.00 Guest Lecture by Prof.dr. Tamar Nijsten (*Erasmus-MC*):
- 14.00 - 15.30 Session VI: Dermato-oncology/ Epidemiology
- 15.30 - 15.40 Awards for best presentation and poster
- 15.40 Closure

Full programme:

Thursday 30 January 2014

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: Skin biology

Session chairs: Marjon Pasmooij (*UMCG*), Abdoel el Ghalbzouri (*LUMC*)

1. Lenie van den Broek
VUMC
Differential response of human adipose tissue-derived mesenchymal stem cells, dermal fibroblasts and keratinocytes to burn wound exudates: potential role of skin specific chemokine CCL27
2. Merel Oortveld
RUMC
Corneoconnectin: a novel skin-specific protein that interacts with LCE proteins and is induced upon skin barrier disruption
3. Grace Limandjaja
VUMC
Comparison of tissue-engineered normotrophic, hypertrophic and keloid scar models
4. Mireille Boink
VUMC
Cytokines (IL-6 and CXCL8) and the saliva derived peptide histatin are resistant to degradation by chronic wound exudates for many hours
5. Nicolas Bastidas
LUMC
Isolation and characterization of Lgr6+ epidermal stem cells from murine skin
6. Hanna Niehues
RUMC
Impact of Late Cornified Envelope (LCE) 3B and 3C deletion: more than just a loss of two proteins

11.55 - 13.00 Lunch

13.00 - 13.45 Guest Lecture by Prof.dr. Sue Gibbs (*AMC/VUMC*):
"A scientific roller coaster towards scar free healing"

13.45 - 15.00 Session II: Immunology & Infection 1

Session chairs: Lenie van den Broek (*VUMC*), Rick Hoekzema (*AMC/VUMC*)

7. Ellen van den Bogaard
RUMC
Crosstalk between keratinocytes and T-cells in a 3D microenvironment:
a novel model to study inflammatory skin diseases
8. Romy Keijsers
RUMC
In vivo induction of cutaneous inflammation results in accumulation of extracellular trap forming neutrophils expressing ROR γ t and IL-17.
9. Ilona Kosten
VUMC
Technical advance: anti-CXCL12 inhibits mature LC migration in immuno-competent skin equivalents exposed to allergens
10. Carolien Wind
AMC
In vitro synergy determination for dual antibiotic therapy against resistant *Neisseria gonorrhoeae* using Etest[®] and agar dilution.
11. Hester Eppinga
Erasmus MC
The intestinal microbiota in patients with Crohn's disease and skin manifestations

15.00 -16:00 Poster session I (with coffee/tea)

- P1. Nynke de Vrieze
AMC
Early incubating gonorrhoea and chlamydia infections in MSM with an indication for HIV post exposure prophylaxis (PEP)

P2. Janneke Kessels <i>MUMC</i>	Laser mediated photodynamic therapy: an effective alternative treatment for actinic keratosis: preliminary results of a randomised controlled trial
P3. Carolien Wind <i>AMC</i>	Nucleic acid amplification test (NAAT) diagnostics combined with delayed <i>Neisseria gonorrhoeae</i> cultivation of NAAT positive samples using the ESwab™ system – the solution for future gonococcal antimicrobial susceptibility surveillance?
P4. Maartje van Geel <i>RUMC</i>	Effectiveness and safety of methotrexate in pediatric psoriasis: a prospective daily clinical practice study
P5. Klazien Politiek <i>UMCG</i>	Methotrexate treatment in severe atopic dermatitis; results from daily practice
P6. Janine Dickinson-Blok <i>UMCG</i>	Surgery under general anesthesia in HS: patient characteristics and outcomes
P7. Deepak Balak <i>Erasmus-MC</i>	Addition of an oral histamine antagonist to reduce adverse events associated with fumaric acid esters in psoriasis treatment: A randomized double-blind placebo-controlled trial
P8. Lisa Hoogedoorn <i>RUMC</i>	The use of in vivo Reflectance Confocal Microscopy in clinical practice: prospective differentiation of difficult to distinguish nodular basal cell carcinomas and intradermal nevi
P9. Roel Genders <i>LUMC</i>	Assessing basal cell carcinoma subtype on biopsy: can we rely on it?
P10. Jannie van der Helm <i>AMC</i>	Genital carcinogenic HPV infections in Paramaribo, Suriname: Prevalence and determinants in an ethnically diverse population of women in a pre-vaccination era
P11. Menne Bartelsman <i>AMC</i>	Cost effectiveness of Gram stained smears in the management of urogenital gonorrhoea among high risk patients of a Sexually Transmitted Infections Outpatient Clinic in Amsterdam
P12. Wietske Christoffers <i>UMCG</i>	Trends and developments in 24 years of patch testing
P13. Wietske Christoffers <i>UMCG</i>	Patch testing ascaridole as potential sensitizing component of tea tree oil
P14. Emmilia Dowlatshahi <i>Erasmus-MC</i>	Psoriasis is not associated with atherosclerosis and incident cardiovascular events: The Rotterdam Study
P15. Rixt Brouwer <i>UMCG</i>	Associations between specific drugs and Stevens-Johnson syndrome/toxic epidermal necrolysis: a retrospective analysis of individual case safety reports from the WHO-Uppsala Monitoring Centre pharmacovigilance database.
P16. Merel Hamer <i>Erasmus-MC</i>	Risk factors for facial skin wrinkling: the Rotterdam Study
P17. Nynke de Vrieze <i>AMC</i>	Sexually transmitted infections in HIV- infected men who have sex with men (MSM), can we predict a new episode of STI?
P18. Renée Richters <i>RUMC</i>	Sensitive skin in the Dutch population: identifying key characteristics and potential triggers
P19. Stéphanie Boonk <i>LUMC</i>	EORTC study on biomarkers for Sézary syndrome
P20. Lianne Secker <i>LUMC</i>	The effect of a dermoscopy training course on the accuracy of primary care physicians in diagnosing pigmented lesions
P21. Jeffrey Zweegers <i>RUMC</i>	Development of the Psoriasis Treatment Registry of the Netherlands: PSOTRENTH
P22. Mogbikeloluwa Danso <i>LUMC</i>	Biopsy derived human skin equivalents maintain their epidermal characteristics after prolonged in vitro passaging
P23. Vincent van Drongelen <i>LUMC</i>	Barrier properties of N/TERT based human skin equivalents

16.00 -17.00 Session III: Immunology & Infection 2

Session chairs: Merel Oortveld (*RUMC*), Henry de Vries (*AMC*)

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| 12. Malou Peppelman
<i>RUMC</i> | In vivo imaging of the dynamics of inflammatory cells in the skin by reflectance confocal. |
| 13. Dave Koole
<i>UMCU</i> | Evaluation of the atopy patch test (APT) as an in vivo model for the induction of eczema |
| 14. Laura Maehara
<i>UMCG</i> | Epitope mapping of antibodies against desmoglein 1 and 3 in patients with leishmaniasis in Brazil |
| 15. Ilse Haisma
<i>LUMC</i> | Biofilms of methicillin resistant <i>Staphylococcus aureus</i> on human epidermal models differ from those on polystyrene surfaces |

17.00 - 17.45: 16th general assembly of the NVED

17.45 - 18.15 Drinks

18.15 - 20.00 Dinner

20.00 - 21.00 Guest Lecture by Prof dr Michiel Kleerebezem (*Wageningen-UR*):

"Host-Microbiota interactions, from microbial composition to function, and its impacts on host physiology"

21.30 – Party

Friday 31 January 2014

09.00 - 10.15 Session IV: Clinical studies and other 1

Session chairs: Thomas Rustemeyer (*VUMC*), Remco van Doorn (*LUMC*),

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| 16. Katarzyna Gostyńska
<i>UMCG</i> | Mutation in exon 1a of PLEC causes autosomal- recessive skin only epidermolysis bullosa simplex |
| 17. Jeroen Bremer
<i>UMCG</i> | Antisense oligonucleotide mediated exon skipping as a potential therapeutic approach for recessive dystrophic epidermolysis bullosa. |
| 18. Stefanie Lubbes
<i>UMCG</i> | Contact allergy in children with and without atopic dermatitis; which are the frequent allergens? |
| 19. Jorien van der Schaft
<i>UMCU</i> | Kidney function during long-term treatment with Cyclosporin A in patients with severe atopic dermatitis. A topic dermatitis. |
| 20. Tjinta Brinkhuizen
<i>MUMC</i> | Topical Diclofenac and Vitamin D as treatment for (micro)nodular and superficial basal cell carcinoma |

10.15 -11.00 Poster session II, including poster walk and presentation of selected posters

11.00 -12.15 Session V: Clinical studies and other 2

Session chairs: Marie-Louise Schuttelaar (*UMCG*), Tjinta Brinkhuizen (*MUMC*)

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| 21. Arne Meesters
<i>AMC</i> | Mechanism and characteristics of fractional laser ablation crater development |
| 22. Ena Sokol
<i>UMCG</i> | Nanotomy of the Pemphigus patient skin and mucosa |
| 23. Lisa Komen
<i>AMC</i> | Autologous cell suspension transplantation using ReCell in segmental vitiligo and piebaldism patients: a randomised controlled pilot study |

	24. Judith Thijs <i>UMCU</i>	New biomarkers for disease severity in atopic dermatitis.
	25. Juul van den Reek <i>RUMC</i>	Predictors of adalimumab drug survival in psoriasis differ by reason for discontinuation
12.15	-13.15	Lunch
13.15	-14.00	Guest Lecture by Prof.dr. Tamar Nijsten (<i>Erasmus-MC</i>): "Intrinsic and extrinsic risk factors for keratinocytic cancer"
14.00	-15.30	Session VI: Dermato-oncology/ Epidemiology Session chairs: Nelleke Gruis (<i>LUMC</i>), Tamar Nijsten (<i>Erasmus-MC</i>)
	26. Gerline van de Glind <i>LUMC</i>	Quiescent stem cells targeted in skin carcinogenesis by low level UV exposure
	27. Wim Zoutman <i>LUMC</i>	Genome-wide analysis of DNA methylation in Sézary syndrome
	28. Joris Verkouteren <i>Erasmus MC</i>	Genome-wide association study identifies a novel candidate locus associated with risk of multiple basal cell carcinomas
	29. Jannie van der Helm <i>AMC</i>	The role of Surinamese migrants in the transmission of <i>Chlamydia trachomatis</i> between Paramaribo, Suriname and Amsterdam, the Netherlands
	30. Roel Genders <i>LUMC</i>	The presence of betapapillomavirus antibodies around transplantation predicts the development of skin cancer in organ transplant recipients
	31. Leonie Jacobs <i>Erasmus MC</i>	Genome-wide association study identifies the association of IRF4 with actinic keratosis
15.30	-15.40	Awards for best presentation and poster
15.40		Closure

Meeting Location:

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

Accreditation:

The NVDV has awarded 11 points for full participation in this scientific meeting last year; accreditation for 2014 is applied for.

Programme committee:

Nelleke Gruis (*LUMC*), Michel van Geel (*MUMC*), Patrick Zeeuwen (*RUMC*), Christianne Reijnders (*VUMC*), Gilles Diercks (*UMCG*), Ellen de Haas (*EMC*), Henry de Vries (*AMC*), DirkJan Hijnen (*UMCU*)

Jury for presentation prize:

Sue Gibbs (*AMC/VUMC*), Hendri Pas (*UMCG*), DirkJan Hijnen (*UMCU*)

Jury for poster prize:

Patrick Jansen (*RUMC*), Ewout Baerveldt (*EMC*), Marjon Pasmooij (*UMCG*)

NVED board:

Joost Schalkwijk (Chairman; *RUMC*), Marieke Seyger (Secretary; *RUMC*), Michel van Geel (Treasurer; *MUMC*), Phyllis Spuls (NVDV contact person; *AMC*), Kees Tensen (Programme editor; *LUMC*)

The final program may be subject to minor changes