**Program**
At the 20th annual scientific meeting of the NVED the ongoing scientific research in dermatology in the Netherlands will be presented.

**Program Summary**

**Thursday 31 January 2019**
09.30 - 10.15  Registration and welcome with coffee/tea
10.15 - 10.25  Opening by the chair of the NVED
10.25 - 11.50  Session I: Gene Mutation and Function
11.50 - 12.50  Lunch
12.50 - 13:30  Guest Lecture by Prof. dr. Mihai Netea (RUMC)
13.30 - 14.45  Session II: Clinical Studies
14.45 - 15.45  Poster and networking session I (with coffee/tea)
15.45 - 17:15  Session III: Immunology & Infection I
17.15 - 20.00  Drinks and Dinner
20.00 - 20.45  20th general assembly of the NVED
20:45 - 01.00  20th Annual Meeting NVED Anniversary Party

**Friday 1 February 2019**
09.00 - 10.00  Session IV: Dermato-Oncology and Epidemiology
10.00 - 11.00  Poster and networking session II (with coffee/tea)
11.00 - 11.40  Guest Lecture by Prof. dr. Carien Niessen (CECAD, Cologne)
11.40 - 12:50  Lunch
12:50 - 13:50  Session V: Skin Biology & Skin physiology and structure
13.50 - 14.30  Guest Lecture by Prof. dr. Joost Schalkwijk (RUMC)
14.30 - 14.40  Break (stretch your legs)
14.40 - 15.55  Session VI: Immunology and Infection
15:55 - 16:15  Awards; Announcement of Breaking News NVDV, Farewell
Thursday 31 January 2019

09.30 - 10.15  **Registration and welcome with coffee/tea**

10.15 - 10.25  **Opening by the chair of the NVED**

10.25 - 11.50  **Session I: Gene Mutation and function**
   Session chairs: Walbert Bakker (AMC), Marieke Bolling (UMCG)
   1. Frank van Leersum, MUMC  The challenge of diagnosing genetic mosaicism in dermatology – (applying next generation sequencing techniques).
   2. Eirini Christodoulou, LUMC  Identification and validation of NEK11 as a novel high penetrance melanoma susceptibility gene.
   3. Hanna Niehues, RUMC  STAT1 gain-of-function compromises skin host defense in the context of interferon-γ signaling.
   4. Daniela Andrei, UMCG  A novel desmosomal protein involved in woolly hair, palmoplantar keratoderma, mild skin fragility, and potentially cardiomyopathy.
   5. Mathilde Vermeer, UMCG  Mechanical strain compromises desmosomal integrity in desmoplakin insufficient cardiac and cutaneous cells.
   6. Marieke Bolling, UMCG  30 years Epidermolysis Bullosa research in Groningen

11.50 - 12:50  **Lunch**

12.50 - 13.30  **Guest Lecture by Prof. dr. Mihai Netea (RUMC):** Variation and adaptation in the human immune system”

13.30 - 14.45  **Session II: Clinical studies**
   Session chairs: Juul van den Reek (RUMC), Nicole Kukutsch (LUMC)
  11. Sanne Uitentuis, VU/AMC  The ultraviolet light camera, a promising measurement instrument for lesion assessment in vitiligo.
<table>
<thead>
<tr>
<th>14.45 - 15.45</th>
<th><strong>Poster and networking session I (with coffee and tea)</strong></th>
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<tr>
<td><strong>P1.</strong> Elisabetta Michielon</td>
<td>Development of an in vitro generated human melanoma model as a research platform for therapeutic testing.</td>
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<td><em>VUMC/ACTA</em></td>
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<td><strong>P2.</strong> Tessa Kouwenhoven</td>
<td>Use of systemic treatment in patients with chronic pruritus: a survey among dermatologists in the Netherlands.</td>
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<td><em>RUMC</em></td>
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<td><strong>P3.</strong> Lieke van Delft</td>
<td>Single versus multiple level prospective sectioning for the subtyping of basal-cell carcinoma.</td>
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<td><em>MUMC</em></td>
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<td><strong>P4.</strong> Sander Spiekstra</td>
<td>Comparison of the skin sensitization potential of tattoo inks using interleukin-18 as a biomarker in a reconstructed human skin model.</td>
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<td><em>VUMC/ACTA</em></td>
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<td><strong>P5.</strong> Yuki Nakagawa</td>
<td>Cell adhesion molecule 1 (CADM1) can be a biomarker for leukemic cells in progressive or refractory Sézary syndrome.</td>
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<td><em>LUMC</em></td>
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<td><strong>P6.</strong> Yannick Elshot</td>
<td>Diagnostic accuracy of handheld reflectance confocal microscopy in the presurgical mapping of lentigo maligna (melanoma): a retrospective pilot study.</td>
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<td><em>VU/AMC</em></td>
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<td><strong>P7.</strong> Marcella Willemsen</td>
<td>In situ visualization of tissue-resident memory T cells to identify the prognostic relevance in human melanoma development.</td>
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<td><strong>P8.</strong> Suzanne van Santen</td>
<td>Levels of IL-31 in different variants of cutaneous T cell lymphomas.</td>
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<td><em>LUMC</em></td>
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<td><strong>P9.</strong> Lotte Spekhorst</td>
<td>Determinants of omalizumab drug survival in a long-term daily practice cohort of patients with Chronic Urticaria.</td>
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<td><strong>P10.</strong> Mariëlle Vermeulen</td>
<td>TREatment of ATopic eczema (TREAT) Registry Taskforce: consensus on how and when to measure the core dataset for atopic eczema treatment research registries.</td>
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<td><em>VU/AMC</em></td>
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<td><strong>P11.</strong> Melanie Rijsbergen</td>
<td>A randomized controlled proof-of-pharmacology trial of omiganan in patients with external genital warts.</td>
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<td><em>CHDR, Leiden</em></td>
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<td><strong>P12.</strong> Melanie Rijsbergen</td>
<td>Stereophotogrammetric 3D photography as a method for the clinical visualization and quantification of HPV-induced skin lesions.</td>
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<td><em>CHDR, Leiden</em></td>
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<td><strong>P13.</strong> Jart Oosterhaven</td>
<td>Validation of the Dutch Quality Of Life in Hand Eczema Questionnaire (QOLHEQ).</td>
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<td><em>UMCG</em></td>
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<td><strong>P14.</strong> Joost Meijer</td>
<td>Prevalence of pruritus and pemphigoid in nursing home residents (SENIO): a cross-sectional study of an under-recognized disease.</td>
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<td><strong>P15.</strong> Finola Bruins</td>
<td>A greater improvement of quality of life in children and young adults with psoriasis is reached with higher PASI responses and systemic treatments.</td>
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<td><em>RUMC</em></td>
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<td><strong>P16.</strong> Aniek Lamberts</td>
<td>Nonbullous pemphigoid: insights in clinical and diagnostic findings, treatment responses and prognosis.</td>
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<td><strong>P17.</strong> Jade Logger</td>
<td>Anatomical site variation of water content in human skin measured by the Epsilon: a pilot study.</td>
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<tr>
<td><strong>P18.</strong> Sanne Uitentuis</td>
<td>Treatment and survival of Merkel cell</td>
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</tbody>
</table>
VU/AMC | Merkel cell carcinoma, the impact of clinical excision margins and Mohs micrographic surgery on recurrence and survival: a systematic review.

P19. Sanne Uitentuis

P20. Jill de Wit | Skin disorders are prominent features in primary Immunodeficiency diseases: a systematic overview of current data.

ErasmusMC

P21. Mariëlle Vermeulen | The steps towards evidence based Option Grids for Psoriasis and Atopic Eczema.


P23. Bram Doron van Rhijn | Disease and treatment characteristics in pemphigus and pemphigoid patients in a ten-year academic daily practice cohort.

P24. Selma Atalay | Results of the first randomized controlled trial on tight controlled dose reduction of biologics compared with usual care in psoriasis patients: the CONDOR study.


P28. Lisette Prens | Surgical outcomes of major surgery (STEEP) and the impact of major surgery on quality of life, activity impairment and sexual health in hidradenitis suppurativa patients: a prospective single centre study.


P30. Marloes van Muijen | Demographic and clinical factors associated with psoriatic arthritis in psoriasis patients treated with biologics.

RUMC


P32. Lara van der Schoot | Treatment satisfaction with biologics for psoriasis: is there a difference between men and women?

P33. Daan Dittmar | Contact sensitization to hydroperoxides of limonene and linalool; results of consecutive patch testing and clinical relevance.

P34. Angelique Voorberg | Dupilumab in atopic hand eczema patients – an observational study.

P35. Eline Noels | Rising reimbursed costs of benign and (pre)malignant skin tumors due to increasing incidence and introduction of pharmaceuticals in the Netherlands, 2007-2016.

RUMC

P36. Wouter ten Voorde | Multimodal imaging of intradermal drug
injection using hollow microneedles.

**P37. Sven van Egmond**

Insight into the management of actinic ErasmusMC keratosis: a qualitative interview study among general practitioners and dermatologists.

**P38. Thomas Buters**

Development of an LPS skin challenge model.

**P39. Thomas Buters**

Omiganan, a topical antimicrobial peptide, normalizes dysbiosis but does not improve atopic dermatitis clinically in a phase II randomized controlled trial.

**P40. Lisa Pagan**

Omiganan enhances the inflammatory response induced by imiquimod in a human skin challenge model.

**P41. Nicholas Schräder**

Combined THC and CBD to treat pain in UMCG epidermolysis bullosa: a report of three cases.

**P42. Yésica Rodriguez Rosales**

Neutrophil subset examination reveals CHDR Leiden different phenotype and impaired function in psoriasis.

**P43. Vamsi Yenamandra**

Three decades of Epidermolysis Bullosa care in the Netherlands: Epidemiology, Diagnosis, Management and Translational Research experience from an European Expertise Center.

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**15.45 - 17.15 Session III: Immunology & Infection**

**Session chairs:** Marjolein de Bruin-Weller (UMCU), Rosalie Luiten (AMC)

12. Christine Ardon

ErasmusMC

The anti-inflammatory potency of biologics targeting TNF-α, IL-17A, IL-12/23 and CD20 in hidradenitis suppurativa: an ex vivo study.

13. Xiaofei Xu

ErasmusMC

IL-10 regulates skin thickness and scaling in imiquimod-induced psoriasis-like skin inflammation in mice.

14. Thomas Ederveen

RUMC

Cutaneous Staphylococcus profiling at species level in atopic dermatitis by Single Locus Sequence Typing (SLST) marker design and oligotyping for high-resolution sequencing-based microbial profiling.

15. Paulo Urbano

RUMC

A Semi-Unsupervised Multivariate Algorithm for Profiling and Mining High-dimensional Flow Cytometry Data in psoriatic patients.

16. Mehran Alizadeh Aghdam

UMCU

FceRI-bearing leukocytes in response to omalizumab treatment in chronic spontaneous urticaria.

17. Judith Thijs

UMCU

A combination of serum biomarkers TARC, IL-22, and sIL-2R accurately predicts disease severity in atopic dermatitis patients treated with cyclosporin A or dupilumab.

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**17.15 - 20.00 Drinks and Dinner**

**20.00 - 20.45 20th general assembly of the NVED**

**20.45 - 01.00 20 Years NVED Anniversary Party**
Friday 1 February 2019

09.00 - 10.00 Session IV: Dermato-Oncology and Epidemiology
Session chairs: Elsemieke Plasmeijer (ErasmusMC), Remco van Doorn (LUMC)

18. Safa Najidh
   LUMC
   Standardized flow cytometry (EuroFlow) demonstrates different functional related
   phenotypes to Sézary syndrome cells.

19. Wim Zoutman
   LUMC
   Overexpression of self-tolerance protein PD-L1 is epigenetically regulated in Sézary syndrome.

20. Walbert Bakker
    VU/AMC
    IFNγ and hypoxia co-stimulate PDL1 expression in melanoma cells, independent of HIF1.

21. Chen Hu
    Erasmus MC
    Associations of early life environmental exposures and genetic risk factors with eczema
    phenotypes. The Generation R study.

10.00 - 11.00 Poster and networking session II, including poster walk and presentation
    of selected posters (with coffee and tea)

11.00 - 11.40 Guest Lecture by Prof. dr. Carien Niessen (CECAD, Cologne):

   Adhesion and singling in formation, maintenance and breaking of the barrier”.

11.40 - 12.50 Lunch

12.50 - 13.50 Session V: Skin Biology and Skin physiology and structure
Session chairs: Abdoel el Ghalbzouri (LUMC) en Siamaque Kazem (VUMC)

22. Rajiv Raktoe
    LUMC
    The effect of ALK5 inhibition on different fibroblast populations in hypertrophic scars.

23. Gijs Rikken
    RUMC
    IL-4 and IL-13 discovered as direct keratinocyte mitogens – implications for epidermal
    hyperproliferation in psoriasis and atopic dermatitis.

24. Klaziena Politiek
    UMCG
    Decreased expression of keratin 9 and 14 in hyperkeratotic palmar hand eczema.

25. Irit Vahav
    VUMC/ACTA
    Incorporation of hair follicles into reconstructed human skin.

13.50 - 14.30 Guest Lecture by Prof. dr Joost Schalkwijk (RUMC):

   Terminal differentiation ;-) 

14.30 - 14.40 Break (stretch your legs)

14.40 - 15.55 Session VI: Immunology and Infection
Session chairs: Abdoel el Ghalbzouri (LUMC) en Siamaque Kazem (VUMC)

26. Lieneke Ariens
    UMCU
    First experience of dupilumab in atopic dermatitis patients treated in daily practice: 16-week evaluation of clinical effectiveness and serum biomarkers.

27. Daphne Bakker
    Goblet cell scarcity and conjunctival
28. Tiago Matos

VU/AMC

Human central memory T cells generate superior numbers of resident memory T cells in skin.

29. Niels de Graaf

VU/AMC

In vitro lymphocyte proliferation test (LPT) for nickel using CFSE and autologous serum.

30. Lin Shang

VUMC/ACTA

Toll-like receptor signaling in oral mucosa exposed to commensal and pathogenic biofilms in vitro.

15.55 - 16.00 **Awards for best presentation and poster; selection breaking news**

16.00 **Closure**

**Meeting Location:**
Congress hotel ‘De Werelt’
Westhofflaan 2
6741 KH Lunteren
Tel: 0318-484641

**Accreditation:**
The NVDV has awarded 11 points for full participation in this scientific meeting last year; accreditation for 2019 is applied for.

**Program committee:**
Nelleke Gruis (LUMC), Michel van Geel (MUMC), Patrick Zeeuwen (RUMC), Siamaque Kazem (VUMC), Gilles Diercks (UMCG), Loes Hollestein (ErasmusMC), Walbert Bakker (AMC), Jorien van der Schaft (UMCU)

**Jury for presentation prize:**
Nelleke Gruis (LUMC), Gilles Diercks (UMCG), Loes Hollestein (ErasmusMC)

**Jury for poster prize:**
Antoni Gostynski (MUMC), Tiago Matos (VU/AMC), Jos Smits (RUMC)

**NVED board:**
DirkJan Hijnen (president, ErasmusMC), Marcel Bekkenk (secretary, Amsterdam UMC), Marjon Pasmooij (treasurer, UMCG), Kees Tensen (representative in Federa, LUMC), Sue Gibbs (representative in NVDV ‘commissie nascholing’, Amsterdam UMC/ACTA)