

## 28th Nikolas Symposium

May 10-13, 2018

### Myeloid Cell Programming and Differentiation

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#### Thursday 10 May

16:00 – 18:00 Steering Committee Meeting (closed)

#### Session I Session Chair: Maarten Egeler

18:30-18:45 Maarten Egeler

Introduction to the Nikolas Symposium

18:45-19:15 Carl Allen

Clinical Features and Treatment Challenges

19:15- 19:45 Carl Allen

Nikolas 27 Summary

20:00-22:30 Welcome dinner at “Pyramid”

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#### Friday 11 May

07:30-08:30 Breakfast “Anemos Restaurant”

#### Session II

Session Chair: Florent Ginhoux

08:30-09:00 Jennifer Picarsic

Overview of Langerhans cell histiocytosis (LCH) pathology: When to say yes, no, maybe so...

09:00-09:30 Jean-François Emile

Landscape of somatic mutations in histiocytoses. Insights concerning cells of Origin

09:30-10:30 Ronald N. Germain

Imaging Immunity – What Looking Carefully at the Immune System Can Tell Us about How It Works in Health and Disease

10:30-11:00 Coffee Break “Poseidon Veranda”

11:00-12:00 Christopher K. Glass

Nature and nurture of tissue macrophage identity and function

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12:00-13:00 Christoph Bock

Dissecting Epigenetic Programs in Normal and Aberrant Hematopoietic Differentiation

13:00-14:30 Lunch “Anemos Restaurant”

#### Session III

##### Session Chair: Astrid van Halteren

14:30-15:30 Steffen Jung

Macrophages in Intestinal Inflammation

15:30-16:30 Caroline Hutter

Developmental Hierarchy in LCH Lesions

16:30-17:00 Coffee break “Poseidon Veranda”

17:00-17:30 Karen Phaik Har Lim – Jon Pritchard Fellow

Terminal Differentiation of CD207<sup>+</sup> cells in LCH

17:30-18:00 Roei Mazor – Jon Pritchard Fellow

Clinical challenges & dilemmas in the management of patients with histiocytic neoplasms

Free evening OR

20:00-00:00 Invitation by the Honorary Trustee of our parents association Mr. Simon Palios for dinner at his premises.

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#### Saturday 12 May

07:30-08:30 Breakfast “Anemos Restaurant”

#### Session IV

Session Chair: Carl Allen

08:30-09:30 Andy Clark

Tristetraprolin, a novel target for the suppression of macrophage-mediated inflammation

09:30-10:30 Jannie Borst

Generation of macrophages, osteoclasts and dendritic cell types from a common progenitor localized to blood and tissues of healthy donors and (LCH) disease patients

10:30-11:00 Coffee Break “Poseidon Veranda”

11:00-12:00 Catherine Bollard

T cell Therapy for Lymphoma: CARs and Beyond

12:00-13:00 Sophia Polychronopoulou & Mojgan Ahmadzadeh

Case presentations

13:00-14:30 Snack “Poseidon Veranda”

15:00 -22:00 Excursion and Dinner

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#### Sunday 13 May

07:30-08:30 Breakfast “Anemos Restaurant”

07:30-08:30 Steering Committee Meeting (closed)

#### **Session IV Continued**

#### **Session Chair: Milen Minkov**

08:30-09:30 Venetia Bigley

Differential IRF8 requirement defines two pathways of human dendritic cell development *in vivo*

09:30-11:00 Panel Discussion – What are the highest priorities in LCH clinical research?

Carl Allen

Jean-François Emile

Venetia Bigley

Jannie Borst

Moderator: Milen Minkov

11:00-11:30 Coffee Break “Poseidon Veranda”

11:30-12:30 Peter Beverley and Matthew Collin

Summation and Future Directions

12:30-13:00 Closing