

The 57th annual

Montagna Symposium on the Biology of Skin

presents

The Biologic Basis of Psoriasis

October 2nd – 6th, 2008
Salishan Resort, Gleneden Beach, Oregon

Program Chairs

Andrew Blauvelt, MD
Anne M. Bowcock, PhD

Symposium Co-Chairs

Molly Kulesz-Martin, PhD
Jackie R. Bickenbach, PhD

Program

Thursday, October 2

THURSDAY EVENING

KEYNOTE SESSION

4:30 pm

Hotel check-in (front desk) and Symposium check-in (Long House foyer)

6:00 pm

Opening Reception *(Council House)*

7:00 pm

Welcome & Introductions

7:15 pm

Keynote Talk:

Rene de Waal Malefyt, PhD

"Interleukin-23 and the T helper 17 (Th17) T cell subset in autoimmune inflammation"

Friday, October 3

FRIDAY MORNING

7:30-8:30 am

Breakfast (Long House foyer)

8:30 am **Molly Kulesz-Martin, PhD**

Welcome and Thanks; Announcements

MOLECULAR GENETICS 1

8:45 am **Anne M. Bowcock, PhD**

Introduction

9:00 am **James T. Elder, MD**

"Genome-wide association scan of psoriasis"

9:45 am **Joost Schalkwijk, PhD**

"Psoriasis is associated with copy number variation of genes involved in innate immunity and skin barrier function"

10:15 am

Break

10:30 am **Anne M. Bowcock, PhD**

"An understanding of psoriasis pathogenesis with genomic analyses (global association, copy number and methylation studies)"

11:15 am **Enikő P. Sonkoly, MD, PhD**

"MicroRNAs: Novel regulators in psoriasis"

12:00 – 2:00 pm

Lunch on own

FRIDAY AFTERNOON

MOLECULAR GENETICS 2

- 2:00 am **Julie Segre, PhD**
 "Diversity profile of the human skin microbiome in health and disease"
- 2:30 pm **Frank O. Nestle, MD**
 "The IL23/TH17 axis in psoriasis: From gene to function and therapy"
- 3:15 pm **Cailin Joyce, BS**
 "Global microRNA analysis in human skin reveals microRNA regulatory networks involved in psoriasis susceptibility and pathogenesis"
- 3:30 pm **Cristina de Guzman Strong, PhD**
 "Cis-regulatory elements in the Epidermal Differentiation Complex (EDC): Towards understanding atopic dermatitis and psoriasis"
- 3:45 pm **Yuangang Liu, PhD**
 "Regulation of psoriatic chemokine CCL20 by Trim32 and Piasy in keratinocytes"

POSTER SESSION

- 4:00 pm **Jackie R. Bickenbach, PhD**
 Presentation of Eugene M. Farber Travel Awards for Young Investigators
- 4:15 – 6:30 pm
 Poster Reception (*Long House & Long House foyer*)

Saturday, October 4

SATURDAY MORNING

- 7:00-8:00 am
 Breakfast (Long House foyer)
- 8:00 am
 Announcements

Sunday, October 5

7:00-8:00 am

Breakfast (Long House foyer)

8:00 am

Announcements

T CELL & KERATINOCYTE BIOLOGY

8:15 am

Rachael A. Clark, MD, PhD

"Phenotype and function of T cells in normal human skin"

8:45 am

Kevin D. Cooper, MD

"Immunoregulation of psoriasis"

9:15 am

Andrew Blauvelt, MD

"Identification and quantification of Th17 cells in psoriasis"

9:45 am

Allen T. Bruce, MD, PhD

"Induction of IL-17+ T cell trafficking and development by IFN- γ : Mechanism and pathological relevance in psoriasis"

10:00 am

Hideaki Sugiyama, MD, PhD

"CCR5 expressing CD4+CD25 high regulatory T cells are both numerically and functionally impaired in patients with psoriasis vulgaris"

10:15 am

Break

10:30 am

Wenjun Ouyang, PhD

"IL-20 subfamily cytokines in the pathogenesis of psoriasis"

11:00 am

Andrew Johnston, PhD

"EGFR and IL-1 synergistically promote keratinocyte antimicrobial defenses in a differentiation-dependent fashion"

11:15 am

Ewout Baerfeldt, MD

"Neuronal activation of innate skin immunity: Stress-mediators enhance antimicrobial barrier"

11:30 am

Bruce F. Bebo, Jr., PhD

"Overview of National Psoriasis Foundation research"

11:45 – 1:00 pm

Lunch on own

SUNDAY AFTERNOON

HUMAN STUDIES

- 1:00 pm **James Krueger, MD, PhD**
 "Human biology: Disease definitions (phenotypes) and working pathogenic models"
- 1:45 pm **Kristina Callis Duffin, MD**
 "Update on the Utah Psoriasis Initiative: Association of genotype and environmental factors with psoriasis and psoriatic arthritis"
- 2:15 pm **Joel M. Gelfand, MD**
 "Cardiovascular risk and psoriasis: A cutaneous disease which is more than skin deep?"
- 3:00 pm
 Break
- 3:15 pm
 Break-out Discussions
 Introduction: **Andrew Blauvelt, MD**
 Small groups discussion
 Reports to plenary

SUNDAY EVENING

- 6:00 pm
 Potlatch Salmon Bake on the beach at home of Diane Baker, MD
 Bus departs Salishan at 6:15 pm (weather dependent); please note there is no parking available near Dr. Baker's house, so you are requested to take the bus and not drive
 (Inclement weather alternate location: Cedar Tree Room, Salishan, 6:30 pm)

Monday, October 6

- 7:30-8:30 am
 Breakfast (Long House foyer)
- 8:45 am
 Airport bus loading (*outside hotel lobby*)
- 9:00 am
 Airport bus departs