



8th Annual AARS Scientific Symposium Agenda

WEDNESDAY, MAY 8, 2019

10:00 AM - 2:00 PM

WALDORF ROOM

10:00 AM

Welcome

Mark Jackson, MD, AARS President

10:10 AM

Autophagy Regulates Lipid Production and Contributes to the Sebostatic Effect of Retinoic Acid in Human SZ95 Sebocytes, Sang Eun Lee, MD/PhD, Assistant Professor, Dermatology, Yonsei University College of Medicine, Seoul, Korea

10:20 AM

Distinguishing Type II from Type I Cutibacterium Acnes: An Efficient Method for Studying C. Acnes Interaction, Kelsey Ouyang, BS, Division of Dermatology, UCLA, Los Angeles, California, USA

10:30 AM

Mechanistic Investigations of Cutibacterium Acnes Community Remodeling in Acne Remission, William H. McCoy, IV, MD/PhD, Research Instructor in Medicine, Department of Medicine, Washington University School of Medicine, St. Louis, Missouri, USA

10:40 AM

Panel Q&A

10:50 AM

Measuring Activation of the NLRP Inflammasomes In Vitro Via Active Caspase-1 Release: Implications in Understanding Epidermal Inflammatory Responses, Vince Gruber, PhD, Director of New Technologies, Jeen International/BotanicalsPlus, Fairfield, New Jersey, USA

11:00 AM

Deciphering the Mechanism of Action of Isotretinoin in Acne Patients Using Next Gene Sequencing Technologies, Amanda Nelson, PhD, Assistant Professor, Department of Dermatology, Penn State College of Medicine, Hershey, Pennsylvania, USA

11:10 AM

Development and Validation of a Comprehensive Acne Grading System Linking Visual Acne Characteristics to Clinician Recommended Treatment Choices, Elena Bernardis, PhD, Dermatology, University of Pennsylvania, Philadelphia, USA

11:20 AM

Development and Characterization of a 3D In Vitro Model Mimicking Acneic Skin, Brigitte Closs, Saint Viance, France

11:30 AM

Panel Q&A

11:40 AM

Characterization of International Oral Antibiotic Use for Acne, Chante Karimkhani, MD, Department of Dermatology, University of Colorado, Aurora, Colorado, USA

11:50 AM

Microbial Dysbiosis in the Skin and the Gastrointestinal Tract of Acne Patients, Anna L. Chien, MD, Associate Professor, Johns Hopkins Department of Dermatology, Baltimore, Maryland, USA

12:00 PM

Prevalence of Moderate-to-Severe Acne in Transgender Adults, Howa Yeung, MD, Assistant Professor of Dermatology, Emory University School of Medicine, Atlanta, Georgia, USA

12:10 PM

Variability in Skin Microbiota Between Smokers, Former Smokers, and Non-Smokers, Sewon Kang, MD, MPH, Johns Hopkins Department of Dermatology, Baltimore, Maryland, USA

12:20 PM

Panel Q&A

12:30 PM

Lunch Break

1:00 PM

Alterations of Gene Expression in Papulopustular Rosacea by Whole Transcriptome Analysis, Yi-Hsien Shih, MD, Dermatology, Stanford University School of Medicine, Redwood City, California, USA

1:10 PM

Human Cathelicidin LL37 Binds to Scavenger Receptors in Inflammatory Human Skin Diseases, Ryo Amagai, MD, Dermatology, Tohoku University Graduate School of Medicine, Sendai, Miyagi, Japan

1:20 PM

Comparison of the Skin Microbiota in Acne and Rosacea, Katherine G. Thompson, Research Trainee, Johns Hopkins Department of Dermatology, Baltimore, Maryland, USA

1:30 PM

Skin Microbiota Perturbations Are Clinical Severity-Dependent in Hidradenitis Suppurativa, Haley Naik, MD/MHSc, Assistant Professor of Dermatology, University of California, San Francisco, California, USA

1:40 PM

Panel Q&A

1:55 PM

Closing Remarks, Diane Thiboutot, MD, AARS Past President

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