

**Innovations in Dermatological Sciences**  
**Day 1- September 9, 2019 Agenda**

**8:00-9:00** Registration, Breakfast, Networking

**9:00 – 9:10** **Opening Remarks**

Joseph Barone, PharmD, FCCP- *Rutgers Ernest Mario School of Pharmacy*  
David Kimball, Ph.D.- *Rutgers Office of Research & Economic Development*  
Bozena Michniak-Kohn, Ph.D., FAAPS, M.R.Pharm.S.- *Rutgers Ernest Mario School of Pharmacy, Center for Dermal Research*

**Plenary Session**

9:10-9:45 **Understanding and Manipulating Skin Pigmentation**

David Fisher, MD, Ph.D.- *Massachusetts General Hospital, Harvard Medical School, Soltego, Inc.*

**Session I: Epigenetics-Roots of Inheritance & Effects on Skin Health**

Chair: Kavita Beri, MD- *Be Mind Body Skin*

9:45-10:10 **Harnessing the Potential of Epigenetic Therapy for Skin Disease**

Brian Capell, MD, Ph.D.- *University of Pennsylvania Perelman School of Medicine*

10:10-10:35 **Advancements in Personalized Skin Care Through the Dynamics of Gene Regulation + Epigenetics**

William Lee, MBA- *EpigenCare*

**10:35-10:55** **Break**

10:55-11:25 **Epigenetics, Your Ally to Deliver Important Messages to the Skin**

Carine Mainzer, Ph.D. - *SILAB, Inc.*

**Session II: Sun care & Hair Aging**

Chair: Stephen Rumbelow, Ph.D.- *Croda Inc.*

11:25-11:55 **Broad Protection in Sun care**

Abhijit Bidaye, MS- *Croda Inc.*

11:55-12:25 **Hair Aging - A Novel Botanical for Reversing Hair Graying and Thinning**

Miri Seiberg, Ph.D.- *Seiberg Consulting, LLC*

**12:25-1:45** **Lunch, Networking, & CDR Sponsor of the Year**

**Session III: How the microbiome and skin nutrition modulate skin physiology**

Chair: Inayet Ellis, Ph.D.- *Gattefossé USA*

1:45-2:05 **Plant Based Nutrition and the Effect on the Skin**

Moiz Kasubhai, MD, MRCP- *Lincoln Medical and Mental Health Center*

2:05-2:25 **The Impact of the “Emotional Body” on the Microbiome-host Interaction and Skin Physiology**

Kavita Beri, MD- *Be Mind Body Skin*

2:25-2:45 **Unlocking the Skin Microbiome: From R&D to Product**

Nur Hasan, Ph.D., MBA- *CosmosID Inc.*

2:45-3:05 **Microbiome-derived Drugs for the Immunomodulation of Autoimmune Diseases- Psoriasis as a Clinical Model**

Ira Spector, Ph.D.- *SFA Therapeutics, LLC*

**3:05-3:20** **Break**

**Session IV: FDA: Development of Complex Generic Topical Products**

Chair: Sam Raney, Ph.D.- *FDA Office of Generic Drugs, Office of Research and Standards, Division of Therapeutic Performance*

3:20-3:50 **Bioequivalence of Generic Topical Dermatological Drug Products: *Development and Harmonization of Current Regulatory Standards***

Priyanka Ghosh, Ph.D.- *FDA Office of Generic Drugs, Office of Research and Standards, Division of Therapeutic Performance*

3:50-4:20 **Experience-Based Learning: *How to Structure Efficient Development Plans for Generic Topical Dermatological Drug Products***

Tannaz Ramezanli, Pharm.D., Ph.D.- *FDA Office of Generic Drugs, Office of Research and Standards, Division of Therapeutic Performance*

**4:20-4:50** **Panel**

Priyanka Ghosh, Ph.D.- *FDA Office of Generic Drugs, Office of Research and Standards, Division of Therapeutic Performance*  
Tannaz Ramezanli, Ph.D.- *FDA Office of Generic Drugs, Office of Research and Standards, Division of Therapeutic Performance*  
Sam Raney, Ph.D.- *FDA Office of Generic Drugs, Office of Research and Standards, Division of Therapeutic Performance*  
Markham Luke, MD, Ph.D.- *FDA Office of Generic Drugs, Office of Research and Standards, Division of Therapeutic Performance*

**4:50-5:00** **Adjourn**

**5:00-5:30** **Poster Session**

**5:30-7:00** **Reception**

**Innovations in Dermatological Sciences**  
**Day 2- September 10, 2019 Agenda**

- 8:30-9:00** Registration, Breakfast, Networking
- 9:00-9:10** **Opening Remarks**  
Bozena Michniak-Kohn, Ph.D., FAAPS, M.R.Pharm.S.- *Rutgers Ernest Mario School of Pharmacy, Center for Dermal Research*
- Plenary Session**
- 9:10-9:45 **Naked Eye to Nucleotide, Managing Skin Disease in this Era**  
Babar Rao, MD, FAAD-*Rutgers Center for Dermatology, Rutgers Robert Wood Johnson Medical School*
- Session V: Formulations, Delivery Challenges and Testing Methods**  
Chairs: Jamie Lynn Harden, Ph.D.- *Dermira Inc.*  
Carine Mainzer, Ph.D.- *SILAB Inc.*
- 9:45-10:10 **Testing Topical Formulation In Vivo: Can We Improve Methods?**  
Stuart Lessin, MD- *KGL Skin Study Center*
- 10:10-10:35 **Innovative Skin Imaging Solutions for Claims Substantiation**  
Matthieu Jomier, MS- *Newtone Inc.*
- 10:35-10:55** **Break**
- 10:55-11:25 **A Look in the Rear View Mirror with an Eye on the Road Ahead - Topical Rx Product Development**  
Debra Dow, Pharm.D., MBA- *Dow Development Labs, LLC*
- 11:25-11:55 **Encapsulated CBD for Skin Care**  
Samuel Shefer, Ph.D.- *SALVONA Technologies*
- 11:55-12:25 **Comparisons of Topical Permeation Enhancers via Franz Cell Permeation Studies and Mass Spectrometry Imaging**  
Stephen Rumbelow, Ph.D.- *Croda Inc.*
- 12:25-1:45** **Lunch, Networking, & Poster Awards**
- Session VI: Formulations, Delivery Challenges and Testing Methods (Continued)**  
Chair: Robert Falcone, Ph.D.- *HRA PHARMA*
- 1:45-2:15 **The Advantage of Target Engagement Studies for the Optimization of Topical Drug formulations**  
Alon Mantel, Ph.D.- *Tergus Pharma*
- 2:15-2:45 **Topical Formulation Strategy – From Concept To Marketed Formulation**  
Thean Yeoh, Ph.D.- *Pfizer*
- 2:45-3:15 **Topical Formulation Possibilities with Penetration Enhancers**  
Inayet Ellis, Ph.D.- *Gattefossé USA*
- 3:15-3:45** **Panel: To CBD or not CBD use in Cosmetics - Advantages & Challenges when considering using CBD and derivatives thereof in Cosmetic Products and Personal Care Applications**  
Moderator: Nakissa Sadrieh, Ph.D.- *Food and Drug Administration*  
Robert Falcone, Ph.D.- *HRA PHARMA*  
David Steinberg, Ph.D., FRAPS- *Steinberg & Associates, Inc.*  
Shahnam Sharareh, PharmD, RAC- *Fox Rothschild LLP*
- 3:45-4:00** **Break**
- Chairs: Miri Seiberg, Ph.D.- *Seiberg Consulting, LLC*  
Thomas Boyd, Ph.D.- *Colgate-Palmolive*
- 4:00-4:20 **Topical Drug Development: The Changing Landscape**  
Jon Lenn, Ph.D.- *MedPharm*
- 4:20-4:40 **Dermal Drug Discovery: What Physicochemical Properties can (and cannot) Do for You**  
Leandro L. Santos, M.Sc.- *Incyte Corporation*
- 4:40-5:00 **Use of an Ex Vivo Human Skin Model to Assess the Efficacy of Novel Compounds and Topical Formulations**  
Jamie Lynn Harden, Ph.D.- *Dermira, Inc.*
- 5:00-5:15** **Closing Remarks & Prize Drawings**