



SOCIETY OF
COSMETIC
CHEMISTS

72ND ANNUAL
**SCIENTIFIC MEETING &
TECHNOLOGY SHOWCASE**

DECEMBER 11-12, 2018

SHERATON NEW YORK TIMES SQUARE



Monday, December 10, 2018

Optional CEP (Morning)

Analysis & Cosmetic Use of Natural Oils | 8:30 AM - 12:30 PM (HALF Day)

CEP SEMINAR SPEAKER: Bingcan Chen Ph.D., Assistant Professor, North Dakota State University
CEP SEMINAR SPEAKER: Jill Moser Ph.D., Lead Scientist, Functional Oil Research, United States Department of Agriculture (ARS, NCAUR)

Introduction to Surfactants | 8:30 AM - 12:30 PM (HALF Day)

Samiul Amin Ph.D., Associate Professor of Chemical Engineering, Manhattan College

CEP SEMINAR SPEAKER: Dawn Thiel, Business Director ,
Beraca International, North America
CEP SEMINAR SPEAKER: William Younggreen, Manager;
Edible Oil Systems business , Alfa Laval

Optional CEP (Afternoon)

GMO: A Primer for the Personal Care Industry | 1:30 PM - 5:30 PM (HALF Day)

CEP SEMINAR SPEAKER: Giorgio Dell'Acqua Ph.D., Scientist and Consultant, Dellacqua Consulting
CEP SEMINAR SPEAKER: Michael Stebbins, Director of External Engagement, Council for Biotechnology Information (CBI)
CEP SEMINAR SPEAKER: Craig Weiss, President, Consumer Product Testing Co., Inc.
CEP SEMINAR MODERATOR/SPEAKER: Roseann B. Termini B.S., Ed. M., J.D., Food & Drug Law Attorney and Professor, Widener University
CEP SEMINAR SPEAKER: Mindy Goldstein Ph.D., Owner, Mindy S. Goldstein, Ph.D. Consulting

Tuesday, December 11, 2018

Continental Breakfast Served

Technology Showcase visiting hour | 7:30 AM - 8:30 AM

Metropolitan West (2nd Floor)

Welcome Address

Welcome and Introduction | 8:30 AM - 8:35 AM

Metropolitan East (2nd Floor)

Keynote

"Neuroscience-Inspired Multisensory Design in the Cosmetics Sector" - Frontiers of Science Award Lecture, sponsored by COSMETICS & TOILETRIES | 8:35 AM - 9:20 AM

Metropolitan East (2nd Floor)

Charles Spence Ph.D., Professor, Oxford University

Coffee Break & Technology Showcase | 9:20 AM - 10:00 AM

Metropolitan West (2nd Floor)

FUTURE OF COSMETIC SCIENCE

Empire Ballroom (2nd Floor)

CREATING IMPACTFUL CLAIMS

Central Park West (2nd Floor)

Approaches to Formulating: The Emergence of Probiotic Skincare | 10:00 AM - 10:30 AM

Jennifer Cookson, Director of Product Development, Mother Dirt

Novel Phytochemicals for Skin | 10:30 AM - 11:00 AM

Ilya Raskin Ph.D., Professor, Rutgers University

The human axillary microbiome model – a representative platform for the development of deodorant ingredients | 11:00 AM - 11:20 AM

Developing Winning Products with Validated Claims | 10:00 AM - 10:30 AM

Michael Anthonavage, Director of Advanced Clinical Services, Clinical Research Laboratories, LLC

Skin imaging - Innovative solutions for claims substantiation | 10:30 AM - 11:00 AM

Matthieu Jomier, Chief Operating Officer, Newtone Inc.

The Science of Hair Type | 11:00 AM - 11:30 AM

Trefor Evans Ph.D., Director of Research and Institute

Christin Koch Ph.D., Manager Microbiology, Symrise AG
The New Frontiers of Innovation in the Cosmetic Industry | 11:20 AM - 11:40 AM

Nadine Pernodet Ph.D., Vice President, Skin Biology & BioActives, Estee Lauder Companies

Impact of device and digital combos on health and wellness | 11:40 AM - 12:00 PM

David Heath Ph.D., Chief Executive Officer, Cutitronics Ltd.

Fellow, TRI-Princeton

Key considerations and criteria to develop claims for cosmetics in compliance with the US and EU Regulations | 11:30 AM - 11:50 AM

Pascal Yvon PharmD, MBA, Founder & President - Consultant, BioSciences Expansion, LLC

Evaluation of the Surface Properties of Hair with Acoustic Analysis | 11:50 AM - 12:10 PM

Roger McMullen Ph.D., Principal Scientist, Ashland Specialty Ingredients

2018 Awards Luncheon | 12:15 PM - 1:30 PM

Metropolitan East (2nd Floor)

Break for Technology Showcase & Dessert | 1:30 PM - 2:00 PM

Metropolitan West (2nd Floor)

ADVANCES IN COSMETIC DERMATOLOGY

Empire Ballroom (2nd Floor)

Lifestyle and Environment Affect Epigenetic Ageing | 2:00 PM - 2:40 PM

Dr. Jason Harcup, Global Vice President of Beauty & Personal Care Research; and Prestige Division R&D, Unilever

Evidence-Based Cosmeceutical Actives for Anti-Aging | 2:40 PM - 3:10 PM

Qian Zheng MD, Ph.D., Assistant Vice President - Advanced Research Americas, L'Oréal Research & Innovation

Mapping the 3-Dimensional Hydration Content and Changes in the Stratum Corneum by Topical Application of a Skin Hydration Serum Containing 3D3P-IPN | 3:10 PM - 3:40 PM

POLLUTION AND ENVIRONMENTAL STRESSORS

Central Park West (2nd Floor)

Reinventing pre-shampoo treatment for protecting hair from urban living stresses | 2:00 PM - 2:20 PM

Xin Qu Ph.D., Global R&D Lab Manager, Shanghai Technical Center, Ashland Specialty Ingredients

Blue Light Science 101: Harmful or helpful for the skin? | 2:20 PM - 2:40 PM

Helen Yang, Research Investigator, Amway

Mechanistic understanding of air pollution on human skin health | 2:40 PM - 3:00 PM

Liyuan Ji, Doctoral Candidate, James L. Winkle College of Pharmacy in University of Cincinnati

Antipollution strategies based on barrier film technologies | 3:00 PM - 3:20 PM

Marc Eeman Ph.D., Skin Care Application Designer, Dow

- Robert J. Bianchini Ph.D., Vice-President of Research, Innovation & Engineering, Rodan + Fields, LLC

Silicones Belgium SPRL

Anti-pollution claim substantiation: testing strategy overview | 3:20 PM - 3:40 PM

- Frederic Nunzi Ph.D., Doctor in Cell Biology and Microbiology / Head of IDEA Lab, IDEA TESTS Group

- **Short Break | 3:40 PM - 3:50 PM**
Metropolitan West (2nd Floor)

INTELLECTUAL PROPERTY IN THE COSMETIC INDUSTRY
Central Park West (2nd Floor)

- **Delivering Skincare Benefits from Light | 3:50 PM - 4:20 PM**

Strategies for Drafting and Prosecuting Winning Patents | 3:50 PM - 4:20 PM

- Ali Fassih Ph.D., Research Manager, Johnson and Johnson Consumer R&D

Li Feng Ph.D., Partner, Finnegan, Henderson, Farabow, Garrett & Dunner, LLP

- **Revive the resilience of atopic skin | 4:20 PM - 4:40 PM**

Inventorship Issues In The Cosmetics Industry | 4:20 PM - 4:50 PM

- Carine Mainzer Ph.D., Scientific Support Manager, SILAB

Mike Tyrech, Director of Patents, L'Oreal
Pre Formulation Design Considerations-Selecting the Optimal Active Ingredients | 4:50 PM - 5:10 PM

Howard Epstein, Director, Technical Services, EMD Performance Materials Corporation

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Cocktail Reception

Suppliers' Cocktail Reception | 5:30 PM - 7:30 PM
Metropolitan West (2nd Floor)

Wednesday, December 12, 2018

Awards Breakfast

The Human Touch: The People Factor of Leadership and Team & 2018 Awards Breakfast, sponsored by ASHLAND | 8:00 AM - 9:30 AM
Metropolitan East (2nd Floor)
Brian Riggs, Lead Strategist, Dialogue Shop

Keynote

"3D Printing Electronics on the Skin" - Henry Maso Award Lecture, sponsored by SILTECH | 9:30 AM - 10:15 AM
Metropolitan East (2nd Floor)
Michael McAlpine Ph.D., Associate Professor, University of Minnesota

Short Break | 10:15 AM - 10:30 AM

Metropolitan West (2nd Floor)

CURRENT & FUTURE REGULATORY ENVIRONMENT

Empire Ballroom (2nd Floor)

Organic and Natural Ingredients: The Standards, Guidelines and Confusion Behind the Claims | 10:30 AM - 11:00 AM

Alejandra Camacho Ph.D., Business Development Manager — Crodarom, Croda Inc

The Cosmetic Ingredient Review: Actionable Conclusions and Recent Assessments | 11:00 AM - 11:30 AM

Bart Heldreth Ph.D., Executive Director, Cosmetic Ingredient Review

Responsibility Makes Scents: Fragrance Safety and Oversight in the United States | 11:30 AM - 12:00 PM

Taiwo Koyejo Ph.D., MBA, Chief Regulatory Scientist, Fragrance Creators Association

DESIGN AND DEVELOPMENT OF COSMETIC INGREDIENTS

Central Park West (2nd Floor)

Fermentation and Cosmetics | 10:30 AM - 11:00 AM

Steven Schnittger, Vice President – Global Microbiology and Fermentation- R&D, The Estée Lauder Companies

Recent Advances in Polyester Chemistry for Cosmetic and Personal Care Applications | 11:00 AM - 11:30 AM

Michael J. Fevola Ph.D., Vice President, Head of Research & Development , INOLEX

Sustainability Leadership in Personal Care | 11:30 AM - 11:50 AM

Chris Sayner, VP Customer Alliances, Corporate Sustainability , Croda International Plc

Skin Microbiome and formulation of cosmetics with Pro-,Pre-,and Post-biotics ingredients. Definitions and key considerations. Opportunities and challenges for cosmetic formulators and companies | 11:50 AM - 12:10 PM

Pascal Yvon PharmD, MBA, Founder & President - Consultant, BioSciences Expansion, LLC

Networking Lunch | 12:15 PM - 1:30 PM

Metropolitan East (2nd Floor)

LATEST PRODUCT INNOVATIONS

Empire Ballroom (2nd Floor)

Laser Assisted Bioprinted skin equivalent for cosmetic efficacies evaluation | 1:30 PM - 2:00 PM

Manasi Chavan Ph.D., Marketing Manager - Face Care,

THE BEST OF NATURE AND SCIENCE

Central Park West (2nd Floor)

The potential role of phytocannabinoids in healing cosmetic products | 1:30 PM - 2:00 PM

Jeremy Riggle Ph.D., Chief Operating Scientist, Mary's

Lunch on the Go

BASF Personal Care
2019 Global Packaging Trends | 2:00 PM - 2:30 PM

Sarah Jindal, Senior Innovation and Insights Analyst –
Beauty & Personal Care, Mintel

**From Macro Trends to Product Development:
Upcoming Claim and Texture Trends for 2020 and
Beyond | 2:30 PM - 3:00 PM**

Michael Nolte, Creative Director, BEAUTYSTREAMS

Break for Technology Showcase | 3:00 PM - 3:30 PM
Metropolitan West (2nd Floor)

**Innovation in Action – Lessons Learned in the
Evolution of Digital Products | 3:30 PM - 4:00 PM**

Paul Jones, VP of Corporate Brand and Digital Marketing,
Mary Kay Inc.

**Computational Skin Appearance and Skin
Microbiome | 4:00 PM - 4:20 PM**

Kristin J Dana Ph.D., Professor, Rutgers University

Medicinals

**Shades of green: Designing for function and
sustainability of natural cosmetic actives | 2:00 PM -
2:30 PM**

Cindy Angerhofer Ph.D., Executive Director of Botanical
Research, Aveda

**Development of Sustainable Natural Materials for
Cosmeceuticals | 2:30 PM - 3:00 PM**

Shuting Hu Ph.D., CEO & Co-Founder, Acaderma Inc.

**Formulation Design of Biosurfactant Based
Shampoos and Cleansers: Optimizing Rheological
and Interfacial Properties | 3:30 PM - 3:50 PM**

Samiul Amin Ph.D., Associate Professor of Chemical
Engineering, Manhattan College

**Formulation of Natural Products that help maintain
microbiome diversity | 3:50 PM - 4:10 PM**

Nelson Ayala Ph.D., MBA, Consultant, Unicus
Pharmaceuticals