<table>
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<th>Event</th>
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<th>Speaker(s)</th>
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| **Analysis & Cosmetic Use of Natural Oils** | 8:30 AM - 12:30 PM (HALF Day) | Bingcan Chen Ph.D., Assistant Professor, North Dakota State University  
Samiul Amin Ph.D., Associate Professor of Chemical Engineering, Manhattan College |
| **Introduction to Surfactants** | 8:30 AM - 12:30 PM (HALF Day) | Jill Moser Ph.D., Lead Scientist, Functional Oil Research, United States Department of Agriculture (ARS, NCAUR)  
Samiul Amin Ph.D., Associate Professor of Chemical Engineering, Manhattan College |
**Tuesday, December 11, 2018**

**Continental Breakfast Served**

### 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)

### Technology Showcase visiting hour | 7:30 AM - 8:30 AM  
Metropolitan West (2nd Floor)

### FUTURE OF COSMETIC SCIENCE  
Empire Ballroom (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

### CREATING IMPACTFUL CLAIMS  
Central Park West (2nd Floor)

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

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

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

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
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
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
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
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
Marc Eeman Ph.D., Skin Care Application Designer, Dow
Antipollution strategies based on barrier film technologies | 3:00 PM - 3:20 PM
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

Metropolitan West (2nd Floor)

Short Break | 3:40 PM - 3:50 PM

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

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

Delivering Skincare Benefits from Light | 3:50 PM - 4:20 PM
Ali Fassih Ph.D., Research Manager, Johnson and Johnson Consumer R&D

Strategies for Drafting and Prosecuting Winning Patents | 3:50 PM - 4:20 PM
Li Feng Ph.D., Partner, Finnegan, Henderson, Farabow, Garrett & Dunner, LLP

Revive the resilience of atopic skin | 4:20 PM - 4:40 PM
Carine Mainzer Ph.D., Scientific Support Manager, SILAB

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

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
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)

Lunch on the Go

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 Estée Lauder Companies

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
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
Development of Sustainable Natural Materials for Cosmeceuticals | 2:30 PM - 3:00 PM
Shuting Hu Ph.D., CEO & Co-Founder, Acaderma Inc.

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

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