

Topical Products Conference 2026

June 8-9, 2026- Scientific Program

Holiday Inn & Suites Atlanta Airport North
1380 Virginia Avenue, Atlanta, GA 30344

Day 1: June 8 (Majestic Ballroom I and II)		
Time	Speakers	Presentation Topics
7.45-8.15	Registration and Breakfast	
8.15-8.25	Opening Remarks Overview of the TPC 2026 by Conference Chair- Dr. Vinod Shah, Ex-FDA	
8.25-9.00	Felicitation of Dr. Howard Maibach, Distinguished Guest of Honor, for his lifetime contributions to skin science and topical drug delivery	
Session: Regulatory Science Session Chair: Dr. Vinod Shah, Ex FDA		
9.00-9.40	Keynote Speaker Sam Raney, USFDA	Scientific & Regulatory Advances for Generic Topical Products
9.40-10.15	Lakshmi Raghavan, Healios Labs LLC	Bringing Topical Products to Market: Regulatory Strategies from Development to Approval
10.15-10.30	Coffee Break	
10.30- 10.45	Nirali Dholaria, Rutgers University	Nitrosamine impurities in topical products
10.45-11.25	Sarah Chisolm, Emory University School of Medicine	Allergies to Topical Formulation Ingredients
11.25-12.00	Exhibitor Presentations	
12.00-12.30	Lunch Break	
12.30-1.30	Interaction with Exhibitors and poster presenters (Majestic Ballroom III)	

Session: Formulation and Characterization Session Chair: Dr.Bo Michniak, Rutgers University		
1.30-2.10	Michael Herbig, RaDes GmbH, Germany	The Fundamentals of Topical Formulation Design: From Innovation to Generics
2.10-2.30	Jeremy Pampo, Gattefossé	Improving Topical Drug Exposure via Solubilization and Penetration Enhancers
2.30-3.00	Santanu Kundu, Mississippi State University	Rheological characterization of topical products: Some notable Case studies
3.00-3.15	Coffee Break	
3.15-3.45	Poster viewing and discussion	
3.45-4.00	Seeprarani Rath, Rutgers University	Impact of Carbomer Concentration on the Rheological and Tribological Properties of Diclofenac Sodium Topical Gels, 0.5%
4.00-4.40	Narasimha Murthy, Topical Products Testing LLC	Transformation of topical products due to solvent evaporation and its impact on performance
4.40-5.15	Interaction with Exhibitors and Poster Presenters (Poster take down at 5.15 pm)	
5.30-6.30	Networking Reception Piedmont & Oak Ballroom	

Day 2: June 9 (Majestic Ballroom I and II)		
Time	Speaker	Presentation Topics
7.45-8.15	Breakfast	
Session: Entrepreneurship and Innovation Session Chair: Dr.S.N.Murthy, TPT LLC		

8.15-8.55	Keynote Speaker Mark Prausnitz, Georgia Tech	STAR particles for enhanced topical drug delivery
8.55-9.10	Nisha Raman, Georgia Tech	Powder-cast microneedle fabrication for high-dose delivery of protein therapeutics
9.10-9.25	Sesha Rajeshwari Talluri, Rutgers University	Hybrid starch nanoparticle-microneedle system for localized delivery of diclofenac sodium
9.25-10.05	Sandeep Kulkarni, Image ProVision Inc	AI-Enabled Morphological Analysis for Globule Characterization and API Differentiation in Complex Semisolid Drug Products
10.05-10.20	Coffee Break and Interaction with Exhibitors	
10.20-11.00	Norman Richardson, BASF	Intelligent algorithm-driven approach for rapid, predictive and sustainable topical emulsion formulation design
11.00-11.20	Gabriella Baki, University of Toledo	Bridging Prediction and Performance: Computer-Aided Formulation Design for Optimized Topical Delivery
11.20-11.35	Chibuko Chizimuzo, Georgia Tech	Influence of Microneedle Design on Variability in Dermal Interstitial Fluid Collection from Human Subjects
11.35-11.55	Harsha Jain, University of Iowa	Impact of localized heat and microneedle array number on the transdermal delivery
11.55-12.30	Lunch Break	
12.30-1.15	Interaction with Exhibitors	
Session: Emerging Technologies and Alternative Delivery Approaches Session Chair: Norman Richardson, BASF		
1.15-1.55	Keynote Speaker Ajay Banga, Mercer University	Keynote- Novel Applications of Emerging Technologies
1.55-2.35	Jayachandra Ramapuram, Auburn University	Development of Stable Nanoemulsions for Topical Delivery of Peptide and Non-Peptide Drugs

2.35-2.50	Chetan Chure, CPL, Canada	From Polymer to Performance: Mucoadhesive Drug Formulation Behavior and Permeation
2.50-3.05	Nur Mita, Auburn University	Beyond Eye Drops: Long-Acting Ocular Delivery via an In Situ Forming Subconjunctival Depot of Ketotifen Fumarate for Equine Allergic Conjunctivitis
3.05-3.30	Awards and Recognitions	
3.30-4.00	Closing Coffee Social & Networking	
	Exhibitor Tear-Down	