

# Topical Products Conference 2026

## June 8-9, 2026- Scientific Program

<b>Day 1: June 8</b>		
<b>Time</b>	<b>Speakers</b>	<b>Presentation Topics</b>
8.00-8.30	Registration	
8.30-8.40	Overview of the TPC 2026 by Conference Chair- Dr. Vinod Shah, Ex-FDA	
8.40-9.00	Recognition of Dr. Howard Maibach, Distinguished Guest of Honor, for his lifetime contributions to skin science and topical drug delivery	
<b>Session: Regulatory Science</b>		
9.00-9.40	Keynote Speaker Sam Raney, USFDA	TBD
9.40-10.10	Speaker 2 Lakshmi Raghavan, Healios Labs LLC	Bringing Topical Products to Market: Regulatory Strategies from Development to Approval
10.10-10.40	<b>Coffee Break and Poster Presentation</b>	
10.40- 11.00	Short Talk 1 Nirali Dholaria, Rutgers University	Nitrosamine impurities in topical products
11.00-11.40	Speaker 3 Sarah Chisolm, Emory University School of Medicine	Allergies to Topical Formulation Ingredients
11.40-12.20	Exhibitors Presentations	
12.20-12.45	<b>Lunch Break</b>	
12.45-1.30	<b>Interaction with Exhibitors and poster presenters</b>	

<b>Session: Formulation and Characterization</b>		
1.30-2.10	Speaker 4 Michael Herbig, RaDes GmbH, Germany	The Fundamentals of Topical Formulation Design: From Innovation to Generics
2.10-2.50	Speaker 5 Srikanth Manne, Frontage Laboratories, Inc	Sterile Semisolids for Topical & Ophthalmic Delivery: QbD-Driven Development, Microstructure Control, and Scale-Up Failures
2.50-3.10	Speaker 6 Jeremy Pampo, Gattefossé	Improving Topical Drug Exposure via Solubilization and Penetration Enhancers
3.10-3.20	<b>Coffee Break and Poster Presentations</b>	
3.20-4.00	Speaker 7 Santanu Kundu, Mississippi State University	Rheological characterization of topical products: Some notable Case studies
4.00-4.20	Short Talk 2 Seeprarani Rath, Rutgers University	Impact of Carbomer Concentration on the Rheological and Tribological Properties of Diclofenac Sodium Topical Gels, 0.5%
4.20-5.00	Speaker 8 Narasimha Murthy, Topical Products Testing LLC	Transformation of topical products due to solvent evaporation and its impact on performance

<b>Day 2: June 9</b>		
<b>Time</b>	<b>Speaker</b>	<b>Presentation Topics</b>
<b>Session: Entrepreneur and Innovation</b>		
8.30-9.00	Keynote Speaker Mark Prausnitz, Georgia Tech	TBD
9.00-9.15	Short Talk 3 Nisha Raman, Georgia Tech	Powder-cast microneedle fabrication for high-dose delivery of protein therapeutics

9.15-9.30	Short Talk 4 Sesha Rajeshwari Talluri, Rutgers University	Hybrid starch nanoparticle-microneedle system for localized delivery of diclofenac sodium
9.30-10.10	Speaker 10 Sandeep Kulkarni, Image ProVision Inc	AI-Enabled Morphological Analysis for Globule Characterization and API Differentiation in Complex Semisolid Drug Products
10.10-10.30	<b>Coffee Break and Interaction with Exhibitors</b>	
10.45-11.25	Speaker 11 Norman Richardson, BASF	Intelligent algorithm-driven approach for rapid, predictive and sustainable topical emulsion formulation design
11.25-11.45	Speaker 12 Gabiella Baki, University of Toledo	Bridging Prediction and Performance: Computer-Aided Formulation Design for Optimized Topical Delivery
11.45-12.00	Short Talk 5 Chibuko Chizimuzo, Georgia Tech	Influence of Microneedle Design on Variability in Dermal Interstitial Fluid Collection from Human Subjects
12.00-12.30	<b>Lunch Break and Interaction with Exhibitors</b>	
<b>Session: Emerging Technologies and Alternative Delivery Approaches</b>		
12.30-1.10	Keynote Speaker Ajay Banga, Mercer University	Keynote- Novel Applications of Emerging Technologies
1.10-1.50	Speaker 14 Jayachandra Ramapuram, Auburn University	Development of Stable Nanoemulsions for Topical Delivery of Peptide and Non-Peptide Drugs
1.50-2.05	Short Talk 6 Chetan Chure, CPL, Canada	From Polymer to Performance: Mucoadhesive Drug Formulation Behavior and Permeation
2.05-2.20	Short Talk 7 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
2.20-2.35	Short Talk 8 Harsha Jain, University of Iowa	TBD
2.35-3.20	<b>Awards and Recognitions</b>	