

## Risks and Benefits of Consumer Nicotine Delivery Products: Emerging Evidence and Open Questions

2024 Nicotine and Tobacco Science Conference  
Medical University of South Carolina, Charleston SC

Day 1	Monday, October 28th (For In-Person Attendees)	All times Eastern
	<i>Note: in an unaffiliated event, FDA-CTP Center Director Brian King will present the Susan Rosenblatt Lecture at MUSC at 11:30-12:30. (<a href="#">More information here</a>)</i>	11:30 am -12:30 pm
<b>Registration</b>		<b>3:00 - 3:30 pm</b>
<b>Symposium</b>	<b>Framework for Product Review - Evidence and Open Questions</b> Saul Shiffman (Pinney Associates): <i>A Framework for Thinking About and Assessing When a Product is "Appropriate for the Protection of Public Health"</i> Reactor Panel / Q&A: Neal Benowitz; Jeff Willett (AHA), Scott Ballin (Morven Dialogues)	<b>3:30 - 4:30</b> 3:30 - 4:00 4:00 - 4:30
<b>Poster Session</b>	Posters Social Event / Cash Bar	<b>4:30 - 6:00</b>
Day 2	Tuesday, October 29th (For In-Person and Remote Attendees)	
<b>Registration</b>	<b>Registration and Light Breakfast</b>	<b>8:00 - 8:30 am</b>
<b>Session 1</b>	<b>Safety and Toxicity of Nicotine Delivery Devices</b> Moderator: Neal Benowitz (UCSF) Neal Benowitz: <i>Nicotine Pharmacology and Safety Concerns</i> Neal Benowitz: <i>Cardiovascular Toxicity of Nicotine: Implications for Nicotine Harm Reduction</i> Suchitra Krishnan-Sarin (Yale): <i>Youth Addiction and Mental Health</i> Michael Ussher (U. London): <i>Vaping During Pregnancy: a Systematic Review of Health Outcomes</i>  Steve Cook (U. Michigan): <i>The Past is Prologue: Epidemiology of Exposure and Harm</i> Cindy Chang (FDA-CTP): <i>Biomarkers of Potential Harm by Tobacco Product Use</i> Reactor Panel: Kevin Gray (MUSC), Jed Rose, Ted Wagener	<b>8:30 - 11:30</b> 8:30 - 8:50 8:50 - 9:10 9:10 - 9:30 9:30 - 9:50  10:20 - 10:40 10:40 - 11:00 11:00 - 11:30
<b>Keynote</b>	Marcus Munafo (U. Bristol): <i>How to Avoid Being Precisely Wrong (virtual presentation)</i>	<b>11:30 - 12:00</b>
<b>Lunch</b>	Box Lunch	12:00 - 1:00 pm
<b>Session 2</b>	<b>Benefits and Harms Across Product Categories</b> Moderator: Gal Cohen (Rose Research Center) Ted Wagener (Ohio State): <i>Risks and Benefits of e-Cigarettes</i> Maciej Goniewicz (Roswell Park): <i>Risks and Benefits of Heated Tobacco Products</i> Jonathan Foulds (Penn State): <i>Risks and Benefits of Snus and Nicotine Pouches</i> Reactor Panel: Geoff Fong (U. Waterloo); David Ashley (Georgia State); Suchitra Krishnan-Sarin	<b>1:00 - 2:30</b> 1:00 - 1:20 1:20 - 1:40 1:40 - 2:00 2:00 - 2:30
<b>Session 3</b>	<b>Benefits and Harms Across User Populations</b> Moderator: Tracy Smith (MUSC) Dave Hammond (U. Waterloo): <i>Recent Trends in Nicotine Use Among Youth</i> Matt Carpenter (MUSC): <i>Nicotine Products for Smoking Cessation: Does Motivation to Quit Matter?</i> Jed Rose (Rose Research Center): <i>Integration with Existing Stop Smoking Treatments to Maximize Cessation</i> Reactor Panel: David Levy (Georgetown); Shannon Gravely (U. Waterloo); Jonathan Foulds	<b>3:00 - 4:30</b> 3:00 - 3:20 3:20 - 3:40 3:40 - 4:00 4:00 - 4:30
<b>Conclusion</b>	<b>Conclusions and Open Questions</b> Moderator: Mike Cummings (MUSC) Mike Eriksen (Georgia State): <i>Summary of Risks and Benefits</i> Mike Cummings: <i>Closing Remarks</i>	<b>4:30 - 5:00</b> 4:30 - 4:50 4:50 - 5:00

**POSTERS AND PRESENTERS (DAY 1)****Theme 1                      Preclinical Science**

Cliff Watson  
CDC                                      The CDC Tobacco Laboratory

Yoonbae Oh  
Mayo Clinic                              Effects of Acute Nicotine Administration on Tonic Dopamine Concentration in the Rat Brain

**Theme 2                      Use Patterns, Risks, and Benefits**

Avery Roberson  
MUSC                                      Transformation of the Tobacco Product Market in Japan, 2011-2023

Ondrej Koumal  
PMI    Evolution of Tobacco Sales and Use Following the Introduction of Heated Tobacco Products in Japan

S.Michael Ansari  
PMI    Differences in Biomarkers of Potential Harm After 2+ Years of Tobacco Heating System Use Compared to Cigarette Smoking

Violet Xu  
NYU    Association between Nicotine Vaping Product Use and Cigarette Smoking among US Adults: a Multiple-Method Approach

Roberta Freitas-Lemos  
Virginia Tech                              Effects of Cigarette and E-Cigarette Flavor Restrictions on Substitution in the Experimental Tobacco Marketplace

**Theme 3                      At-Risk Populations**

Garrett S. Stang  
Brown Univ.                              Examining Tobacco Use among Sexual and Gender Minorities at a Community-Based LGBTQ+ Clinic

Marie Jung  
U. Michigan Medicine                      Dimensions of Early Environmental Adversity as Predictors of Nicotine Initiation in Adolescents

Ban Majeed  
Augusta Univ.                              Tobacco Use and Poor Quality of Life in US Adults:  
Population Assessment of Tobacco and Health Adult Interview Study (Wave 5)

**Theme 4                      Risk Perceptions and Harm Reduction**

Emily Barros  
MUSC                                      Shifting Perceptions of E-Cigarette Risk:  
A Secondary Analysis from a Nationwide, Randomized Controlled Clinical Trial for E-Cigarette Uptake Among Smokers

Joe Gitchell  
Pinney Assoc.                              What Will it Take to Move the Harm Reduction Debate Forward?