



RESEARCH SEMINAR SERIES

The Center for Dermal Research Welcomes

Dr. Sonia Trehan, Johnson & Johnson Consumer Health

“Topical delivery: A pragmatic vision”

Monday, December 7th 2020; 5:30pm EST; Remote via link below



Dr. Sonia Trehan has 18 years of diverse experience in the field of active and targeted delivery. Her core areas of research expertise include safe & effective delivery of actives & technologies using different carriers and routes of administration including topical, transdermal, parenteral and inhalation. In her current role, she is leading Bio-delivery capability in Skin Health Translational Science at Johnson & Johnson Consumer Health. Present research focus involves safe and effective delivery of various skin benefit agents and sunscreen products to address unmet need of consumers. Other previous experience involved strategic planning and formulation development of various products for regulated markets of the US and Europe, including projects relating to Abbreviated New Drug Applications and 505(b)(2) applications for submission to the FDA, differentiated dosage forms, oncology tablets, injection solutions, dry powder for injections and lyophilized powder for injections while working at Panacea Biotec Ltd., Wockhardt Research Center and IDRS Labs. She also led a role of Industrial project manager at Center for Dermal Research at Rutgers University. She holds PhD in Pulmonary drug delivery for the treatment of pulmonary arterial hypertension. She has authored many posters, oral presentations, publications including research papers, reviews, book chapters, patent and special reports. She has a great passion towards innovation and serving community to bring meaningful difference in people’s life.

ABSTRACT: Delivery through skin has gained utmost attention over the years to deliver numerous skin health benefits and other local and systemic therapeutic effects. Our understanding on delivery through this interesting route of administration has evolved tremendously and is being applied to many areas including cosmetics, skin diseases, pain management, allergies and vaccines to name a few. This brings a greater need of more quality control in developing high quality, safe and effective products by delivering actives & skin benefit agents to the site of action at effective dose. This talk is oriented towards understanding the desired outcome from final topical or transdermal products and focusing on practical aspects and challenges to implement correct strategies for formulation development and on critical elements of evaluation.

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