



RESEARCH SEMINAR SERIES – REMOTE

The Center for Dermal Research Welcomes

Jasmine Musakhanian, Gattefossé

“Guiding principles for effective (trans)dermal formulation development process”

Monday, February 13, 2023 5:30pm EST remote



As Senior Scientific Director, Pharmaceutical Division, Jasmine oversees the activities of the Gattefossé Technical Center of Excellence in Paramus, NJ where research in support of publication or customer projects is conducted. She oversees also the technical support provided by the North American team. Her multi-disciplinary career has revolved around excipients, notably their safety, quality, and applications in drug delivery. Special areas of interest to her are solubilization technologies for enhancing the delivery of challenging molecules. She is author of technical and scientific reviews; active member of the AAPS, CRS, and IPEC. She obtained her M.Sc. degree from McGill University in Montreal. After

holding technical liaison positions at McGill University; Seiko Scientific Instruments; Ashland Chemical; and Daminco Inc. she joined Gattefossé in 1997.

Abstract: There are hundreds of chemicals known to enhance drug penetration and permeation of dermal products. Of these only a few can be used at concentrations that offer safe, effective, and appealing dermal products. In addition to innocuity, the drug development scientist must consider the effect of every excipient on the final drug delivery system in order to develop an optimized formulation. Although the development strategy can vary by the type of drug and dose requirements, the guiding principles remain universal. Prior knowledge of synergistic combinations of excipients or customized approaches including micro/nano emulsions are key. After a general overview of enhancer categories and the role they each may play in the eventual product, this webinar delves into the key considerations, including the tools / methods for screening of excipients and formulations.

CONFERENCE LINK:

Meeting link: <https://rutgers.webex.com/rutgers/j.php?MTID=m2b71cb24f072feda57c8eb45f9f8d038>

Link is also available on our website: <https://sites.rutgers.edu/centerfordermalresearch/>

under the Events menu.



Center for Dermal Research, 145 Bevier Road, Piscataway, NJ 08854
Tel: 848.445.3589 Fax: 732.445.5006 For more information: cdr_frontdesk@dls.rutgers.edu