



RESEARCH REMOTE SEMINAR SERIES

The Center for Dermal Research welcomes

Benjamin Goodyear; BASF Pharma Solutions
“Lipid-Based Excipients for Skin Drug Permeation Using IVPT Studies”

Monday, February 22nd at 5:30pm EST



Benjamin Goodyear is the Global Technical Marketing Manager for the Topicals Portfolio at BASF Pharma Solutions. His various and diverse industrial experiences include GlaxoSmithKline, TEVA, Amneal, and L’Oréal. These experiences have provided Benjamin with a strong knowledge in the topicals product development field.

Ben’s expertise is focused on industrial dermatological drug development, dermal drug delivery, and highly complex international product launches; which he acquired working in pharmaceutical branded, generic, and OTC product applications.

Benjamin is a Rutgers Ph.D. part time student. His Ph.D. publication work is primarily focused on pharmaceutical topical and transdermal vehicles, evaluations of QbD (Quality by Design) elements for novel topical drug carriers, comparing membrane properties of synthetic vs. human skin for permeability testing, and enhancement of bioavailability of pharmaceutical dosage forms.

Relevant data from previous BASF research collaborations with TRI Princeton and an industrial partnership with Dr. Narasimha Murthy who works closely with the FDA to understand enhancement properties of BASF lipidic emollients will be discussed. The first part will discuss using ATR-FTIR (Attenuated total reflectance – Fourier Transform infrared) Raman spectroscopy and Confocal Raman spectroscopy using a tape stripping method. The later part of the talk will focus on critical quality attributes (CQA’s) of cream formulations by systematically evaluating performance criteria for pharmaceutical formulations containing dermatological drugs. The results measured from pH, viscosity, globule size, IVRT, and IVPT measurements will be shared.

CONFERENCE LINK:

Meeting link:



<https://rutgers.webex.com/rutgers/j.php?MTID=m4954d4365f34ff76da740b21d9772f3d>

Or send an email to cdr_frontdesk@dls.rutgers.edu to request a direct invite

