

RESEARCH REMOTE SEMINAR SERIES

The Center for Dermal Research and Basic&Applied Dermatology Forum

Dr. Laurie Joseph, Rutgers University & Dr. Krishanan Tamareselvy, Lubrizol Life Sciences R&D
“What’s in a Name: 2021 Update of the International System of Uniform Cosmetic Ingredient Names”

Tuesday, January 19, 2021 5:30pm EST



Krishnan Tamareselvy Ph.D., Senior Technical Fellow, Strategic Technology Manager, Lubrizol Life Science R&D, Lubrizol Advanced Materials, Inc. Krishnan Tamareselvy, Ph.D. is the strategic technology manager for Lubrizol Life Science business segment within the Lubrizol Advanced Materials, Inc. She holds an MSc in Chemistry and a PhD in Polymer Chemistry from the University of Madras, India and a two-year post-doctoral fellowship from Clemson University. She joined

Lubrizol in 1997 as a chemist and has served in various roles and became senior technical fellow in 2019. Dr. Tamareselvy has developed numerous commercial polymer products for Lubrizol Beauty and Home care markets. She has over 60 patents and papers in the area of personal and home care polymers. Dr. Tamareselvy has been a member of INC for 8 years and is also a member of Society of Cosmetic Chemists.



Dr. Joseph is an Associate Professor in the Department of Pharmacology and Toxicology at the Ernest Mario School of Pharmacy and is co-I on the Rutgers University CounterACT Research Center for Excellence U54. She has over 30 years of experience in the development of *in vivo*, *in vitro*, and clinical models of skin and eye wound repair, and the preparation and transdermal penetration studies of topical formulations. She received a B.S. in geology from The George Washington University, a M.S. and Ph.D. from The Ohio State University with post-doctoral training at Yale University and the University Connecticut Health Center. Dr. Joseph has numerous publications and presentations in the areas of wound repair, health effects of environmental toxins and skin ageing. Dr. Joseph has been a member

of International Nomenclature Committee since 2004. She is a member of the Society of Toxicology, Society of Cosmetic Chemists and the American Academy of Dermatology.

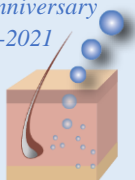
ABSTRACT: INCI stands for International Nomenclature Cosmetic Ingredients and is a globally recognized nomenclature system for ingredients used in cosmetic products around the world. In many regions, INCI names are required for the ingredient labeling of cosmetics and personal care products to provide information. Dr. Joseph and Dr. Tamareselvy will describe the new aspects of the nomenclature application process. This will include an update on the new peptide application requirements, changes botanicals naming, changes in the polymer naming process and current suggested analytical techniques for determining purity of application materials. Dr. Joseph and Dr. Tamareselvy will give insight into the naming process. Polymers are typically used to provide various functions such as thickeners, rheology modifiers, surface modifiers, skin and hair conditioners, film formers, coating agents etc. All non-biological and non-polymer materials used in



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personal care, household industrial and OTC products fall under the auspicious of Chemistry. These materials include organic and inorganic solvents as well as mineral based materials. Biotech subcommittee reviews all biological material applications, including peptides, botanical, microbiological, and animal derived materials. Dr. Tamareselvy's presentation will focus on polymer category in the personal care industry along with examples of using various science-based naming conventions. Dr. Joseph will focus on mineral and biotech nomenclature and will present some examples of materials used in finished goods and how they are named.

For more information contact Otto Mills PhD FCP; Rutgers Robert Wood Johnson Medical School at: otto@ohmills.com

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