



# BASIC & APPLIED DERMATOLOGY FORUM EVENT

April 25<sup>th</sup>, 2017

## *Decision Tree Reasoning to Establish the Safety of Aroma Chemicals*



**Steve Herman**

*President of Diffusion LLC*

*Steve Herman is President of Diffusion LLC, a consulting firm specializing in regulatory issues, intellectual property, and technology development. He served as an Adjunct Professor in the FDU Cosmetic Science Program from 1993-2016, teaching the Cosmetic Formulation Lab and Perfumery, and he continues to teach a General Chemistry Lab. Steve was a columnist for GCI Magazine for 17 years and has written a book, *Fragrance Applications: A Survival Guide*. His SCC activities include service as Chairman of the NY Chapter in 1992 and 2013, election to Fellow status in 2002, and instructor in the Continuing Education Program.*

### Abstract:

Safety testing at RIFM (Research Institute for Fragrance Materials) has continuously evolved in response to advances in basic applied science. Starting in 2000 a series of guidance documents established the science behind different aspects of RIFM's safety assessment program. QRA (Quantitative Risk Assessment) was a giant step forward during this time for dealing with dermal safety. In 2015 a new criteria document provided a unified decision tree structure for all RIFM evaluations, incorporating read-across techniques, in silico tools, the addition of TTC (Threshold of Toxicological Concern), and clearly defined endpoints for different concerns (skin, environmental, respiratory). This presentation will review the progress RIFM has made in the 21st Century to guarantee the safety of fragrances under a variety of circumstances.

## **PLEASE JOIN US FOR THIS PRESENTATION AND LUNCH (FREE OF CHARGE)**

**LOCATION:** Life Sciences Building Rutgers - The State University of New Jersey, 145 Bevier Road, Piscataway, New Jersey 08854, New Jersey Center for Biomaterials Suite - Conference Room

**TIME:** 12:30PM - 2:30PM Talk/Discussion 1-2 PM

**HOST:** Basic and Applied Dermatology Forum

### **REGISTRATION IS FREE:**

Please contact Louli if you plan to attend: 848.445.9566  
cbmfrontdesk@dls.rutgers.edu

### **SUPPORTED BY:**

Center for Dermal Research  
& Target Health, Inc.

**For general or talk information contact:** Otto Mills, Ph.D.,  
FCP- Adjunct Professor of Dermatology- Rutgers RWJMS at Otto@ohmills.com