

SCC Ontario Chapter Meeting

“Rethinking Preservation:

Novel Antimicrobial Peptides as Natural Alternatives for Upholding Product Integrity ”

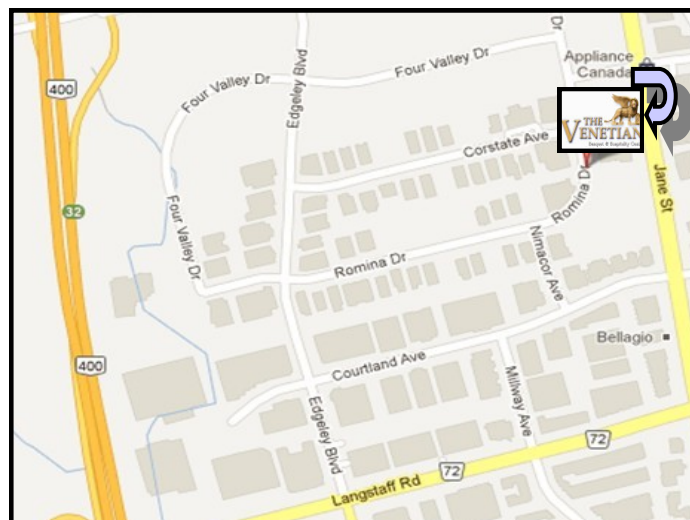
-Tia Alkazaz

THURSDAY FEBRUARY 7th, 2019

Location: The Venetian Banquet & Hospitality
Centre 219 Romina Drive, City of
Vaughan, ON, L4K 4V3

Time: 5:00 Cocktails
6:00 Dinner
7:00 Presentation
8:00 Adjournment

Fees: \$45 pre-paid SCC member
\$55 pre-paid non-member
\$10 pre-paid student
\$60 at the door



Abstract :

The choice of suitable preservatives for use in cosmetics is rapidly diminishing due to increasing concerns over safety, exposure and sensitisation. Exacerbated by consumer demand for natural personal care, a gap in the palette of preservatives has grown; there is a need for natural yet effective, safe and stable antimicrobial materials. Novel antimicrobial peptides have been produced through controlled fermentation of probiotic lactic acid bacteria which provide effective antimicrobial activity. Supported by challenge test data, under varying conditions, as well as studies to show an increase in skin moisturization, density, and cellular viability these multifunctional actives can help to provide a natural alternative to traditional preservatives and support a more holistic approach to formulating.

Bio:

Tia Alkazaz is the Technical Marketing Manager of Active Micro Technologies. Fueled by her interest in cosmetic microbiology and product development, Tia focuses on the study of innovative peptide technology and other alternative antimicrobial materials that are effective, safe, and stable to both chemists and consumers alike. Tia received a Bachelor of Science degree in Biochemistry from the University of Mount Union and a Master of Science degree in Pharmaceutical Science with a Concentration in Cosmetic Science from the University of Cincinnati.