

SCC Ontario Chapter Meeting

“When Algae Adaptations Benefits the Skin ”

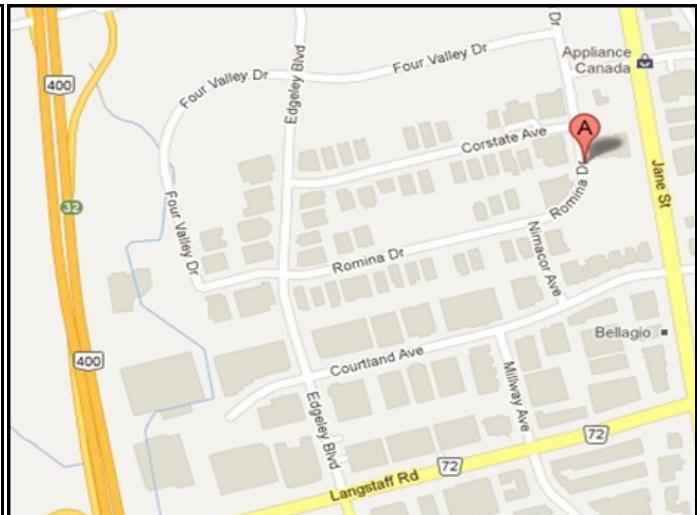
-Laure-Anne Gillon

THURSDAY MAY 30th, 2019

Location: The Venetian Banquet & Hospitality Centre 219 Romina Drive, City of Vaughan, ON, L4K 4V3
(tel: 905-264-9960)

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 : When algae adaptations benefits the skin

Specific algae's and marine plants have to survive in an extreme environments: strength of the waves, salt and osmotic pressure, alternance of immersion/emersion in the sea resulting in dryness, fast rehydration, wind and UV exposure,... Their survival depends on their capacity to adapt, synthesize strong active molecules and develop specific mechanisms. It's a very rich source of inspiration for cosmetics, as the algae extracts can effectively bring interesting properties to skin and hair.

The presentation will develop:

- different types of algae's and their particularities (diversity, types,...)
- the stresses they have to face, and how it can be useful for the skin.
- biotechnologies that can improve their properties
- Extension to some marine plants

This can be illustrated by concrete examples like for *Pelvetia canaliculata*, a brown seaweed that lives on rocks, at the higher level of tide. It is exceptionally resistant to air exposure at low tide, and has strong regenerating properties when water is high. By in vitro and in vivo tests, we showed its content energizes and regenerates the skin with a visible wrinkle reduction effect.

Biography: Laure-Anne Gillon, Beauty care active ingredients expert - Seppic Inc.

Laure-Anne Gillon is currently the Active ingredients expert for the beauty care department of Seppic Inc. in Fairfield, New Jersey. She is dedicated to help Sales people giving technical and scientific expertise to their customers. Prior to working at Seppic Inc., Laure-Anne worked in France for Unipex, a specialty ingredients distributor. She has been handled and supported many cosmetic companies (Pierre Fabre, Nuxe, Ales, Sisley,...) as Technical Account Manager. She was then Technical Marketing Manager, in charge of developing finish products to give technical and marketing support to customers.

Laure-Anne graduated from the Ecole de Biologie Industrielle in France, a bio-technology engineering school (Master of Science), and specialized in Research and Development and Marketing applied to the Cosmetic industry. She had experiences on finish product development at L'Oreal, Givaudan, Chanel before coming to the ingredient industry.