

NORTHERN HIGHLIGHTS

The SCC Ontario Chapter's Newsletter

January 2019

Volume LXXXVI

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IN THIS ISSUE...

- SCC ONTARIO CHAPTER MEETING..... page 1,2
- 22ND ANNUAL HOLIDAY DINNER DANCE..... page 5,6
- NOVEMBER 8TH MEETING RECAP..... page 9
- A FAREWELL FROM THE CHAIR..... page 12
- LOOKING AHEAD..... page 13
- SCC/RDC COURSE OFFERED page 13
- "2019 Predictions for Sustainable Cosmetics"..... page 16
- UPCOMING EVENTS..... page 20

SCC Ontario Chapter Meeting

*"Rethinking Preservation:
Novel Antimicrobial Peptides as Natural Alternatives for
Upholding Product Integrity"*
-Tia Alkazaz

THURSDAY FEBRUARY 7th, 2019

PRE-REGISTER TO SAVE MONEY

If you prefer you can reserve a spot by email or fax. Send us a note that you will be there. We will confirm receipt of your reservation. You can then either bring the payment with you or put it in the mail. Please make your reservation before the Monday prior to the meeting.

Please note:

Should you register and not attend you will be invoiced the meeting fee.

Students must have their payment in by Monday prior to the meeting. To make your reservation today contact **Rob** at:

rob.castillo@univarcana.com

or by fax at (416) 740-2227 OR on-line at:

<http://sccvent.coffecup.com/forms/sccregistration/>

SCC Ontario Chapter Meeting

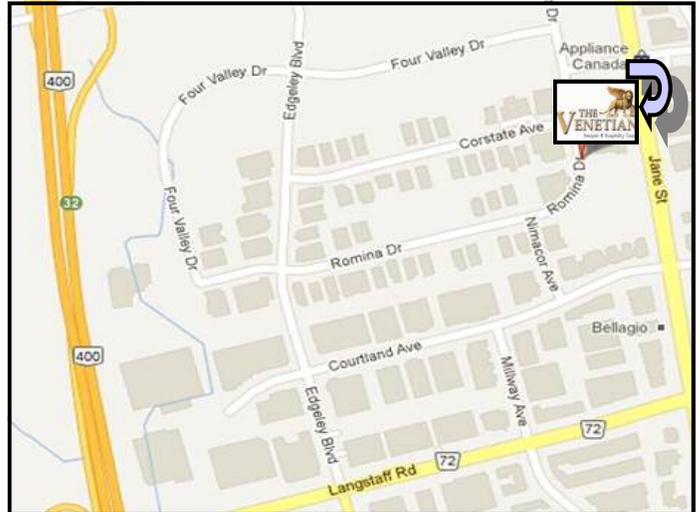
*“Rethinking Preservation:
Novel Antimicrobial Peptides as Natural Alternatives for Upholding Product Integrity”*
-Tia Alkazaz

THURSDAY FEBRUARY 7th, 2019

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

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.

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22nd Annual Holiday Dinner Dance November 30th, 2018



This years Holiday Dinner Dance managed to top itself again as it was a completely SOLD OUT event with 260 people attending! All were in good cheer as we started the evening with the ever popular Antipasto Table. Our DJ and singer **Matt Dean** returned again this year and he was a wonderful hit with the crowd. Attendees were treated to an exotic Latin dance show by **Latin Energy** who performed a Michael Jackson themed routine! The Venetian Banquet Hall and Hospitality Center put together a delicious dinner along with a sweets table that everyone really enjoyed later into the evening. Guests were greeted with a special table favour graciously donated by **Estee Lauder**! As well we would like to thank all the companies listed below who generously donated gifts to the prize table!

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To see the full set of pictures of the evening visit <http://www.ontarioscc.org/flipnov2018/mobile/index.html#p=1>

Holiday Dinner Dance Toy Drive a Huge Success!!!



The SCC Ontario executive committee is proud to announce that this year's 5th annual "Toy Mountain" toy drive at the Holiday Dinner Dance was even more successful than last year!! Almost 300 toys were collected from attendees for an extremely worthy cause.

Members of the SCC Ontario organizing committee would like to extend their sincerest thanks to ALL guests who were able to bring gifts! Raffle tickets were given to all who participated which were entered into a raffle where many prizes were given away, including a grand prize.



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Address Changes???

Throughout the year many of our members change jobs or relocate and forget to notify the National Office. Without notification, these members may not receive important mailings and eventually are made inactive. If you know of someone who has moved, please ask them if they have contacted the National Office regarding their address change.



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SCC ONTARIO EMAIL REGISTRATION



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<http://scontemail.coffeecup.com/forms/scontemailregistration/>

Please note your email information will be used for SCC information purposes ONLY!

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November 8th Meeting Recap

The SCC Ontario Chapter was pleased to host two speakers for our final meeting of 2018 on November 8th.

We started the evening with **Neil Kochar** who is an Industrial Technology Advisor for the **National Research Council of Canada**. His presentation discussed their aim which is to provide innovation assistance to Canadian small and medium sized enterprises (SMEs) as well as the mandate of IRAP which is to "stimulate wealth creation for Canada through innovation. Their is mission to "accelerate the growth of SMEs by providing them with a comprehensive suite of innovation services and funding."



Our second speaker for the evening was **Shahin Kalantari** who presented on **Organic Cosmetics** including, what are certified organic cosmetics and how can we upgrade our knowledge to develop organically regulated cosmetic and toiletry products. Shahin explained in his presentation that as this important market develops further it is more relevant than ever that the Cosmetic formulators upgrade their knowledge in this field.

Shahin Kalantari is devoting his chemical expertise in the Cosmetic Industry to develop Natural and Organic personal care products. In 2007, he has introduced one of the first certified organic product lines, in North America.

Shahin's presentation can be downloaded at

http://www.ontarioscc.org/index_htm_files/organiccsmeticnov82018.pdf

SURVEY SAYS...



Thank you to all who completed "post meeting" surveys in 2018. Your feedback helps the Ontario SCC Chapter improve on the content we present. As a thank you we will be drawing

the 4 gift cards at the upcoming **February 7th** meeting and those who sent in surveys through out the year will be eligible to win! We will continue with post meeting surveys in 2019 so please participate!



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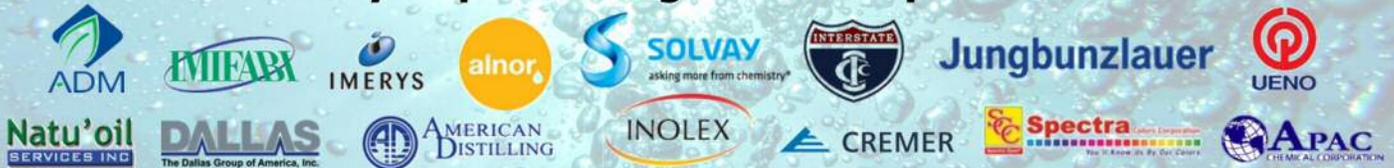
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A farewell from the chair...



It has been a great pleasure to be Chair for 2018, working with my colleagues both locally and national. Together we have shared ideas/concepts for continual growth, ongoing success and education.

2018 has been a great year for the Ontario SCC Chapter, filled with accomplishments. The Ontario SCC has reached our all-time membership high with over 250 members. We have successfully assisted students gain access to jobs/careers within the industry and educated both students and members through our various events/seminars.

To Celebrate, we will be hosting our 1st Member Appreciation Day Boat cruise at Toronto Harbour (details to follow on our website).

Being a part of the SCC for over 10 years has enriched my career in many ways both through the education/knowledge I have gained and the people I have met along the way. I would like to thank the SCC Board and members for their support and passion, keeping the Ontario SCC prosperous.

Wishing everyone a Fantastic 2019!

Liz Peitsis

Chair 2018, Ontario Chapter

HISTORY OF OUR SOCIETY

Building a community and expanding knowledge for nearly 70 years.

1945

Comprised of over 4,000 members, the Society of Cosmetic Chemists was founded in 1945 to promote high standards of practice in the cosmetic sciences. We serve as a focus and provide the proper forums for the exchange of ideas and new

developments in cosmetic research and technology. Our leadership includes a long list of [past SCC Presidents](#) who have served the organization well over the years.



1948

Since 1948 Chapters have been the lifeblood of the Society of Cosmetic Chemists. We now have 19 Chapters throughout the United States and Canada, which conduct monthly meetings, educational seminars, suppliers' days and publish monthly newsletters. These Chapters are run by dedicated volunteers who lend their time and expertise to the smooth and efficient operation of each Chapter.

1999

At the turn of the century, our Society launched their first website with a mission to reach a larger audience while extending enhanced services to our membership. By digitizing our historic journals, we have an inventory of our evolutionary progress in developing new products based on sound standards.

Looking Ahead



The SCC Ontario Chapter is pleased to announce they have added a NEW meeting to the 2019 schedule! Be sure and save the date...April 10th as we will have presentations by:

- ✓ **Seneca Students** on New Products Developed as part of their Capstone Program.
- ✓ **Paula Dumouchel-Clay**, Director of R&D, Estee Lauder on *“Mastering Time Like a Top Executive or CEO”*

More detail will be available closer to the date

SCC Ontario Chapter in Association with RESPONSIBLE DISTRIBUTION CANADA

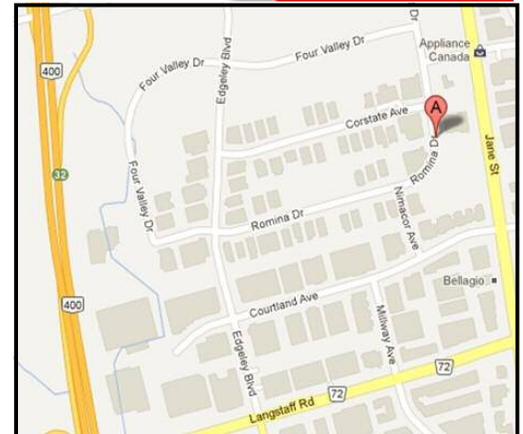
Chemical Supply Chain Management Program Cosmetics Regulations One-day Training Session

Hosted by SCC, March 19, 2019

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

The Society of Cosmetic Chemists (SCC) is offering a one-day condensed Cosmetics Regulations training session, facilitated by Responsible Distribution Canada.

Participants will obtain an understanding about establishing and sustaining a regulatory compliance program for importing, manufacturing, distributing and selling cosmetics in Canada.



To View the
Syllabus Diploma
Cosmetics
Regulations
Follow this Link for the
Program Outline

- ⇒ As a special offer to SCC members the **first 100 to register** will be admitted for **FREE!** A \$400 value!
****No-shows will be charged \$100****
- ⇒ For SCC members after the first 100 to register price will be \$100
- ⇒ Non-Members \$200

[Link to Syllabus: Cosmetics One-Day Training Session](#)

[Link to Online Registration](#)



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2019 Predictions for Sustainable Cosmetics

London – Ecovia Intelligence gives its predictions for sustainable cosmetics for the year ahead...

> **Global demand for natural & organic cosmetics.** Initially stemming from Europe and North America, demand for natural & organic cosmetics is becoming increasingly global. Asia's share of the international natural cosmetics market is expected to continue to rise, as its consumers seek products without contentious synthetic chemicals. More natural & organic product launches are likely to be in the Asia-Pacific, as well as other regions.

> **Multinationals launching natural & ethical lines.** In the last 12 months, Unilever launched Love, Beauty & Planet, Henkel introduced Nature Box, and L'Oreal launched Seed Phytonutrients and La Provençale Bio. On the launch pad are P&G's Pure by Gillette and Garnier's new organic skin care line. More such product launches are likely as multinationals continue to chase the 'ethical dollar'.

> **Investments and acquisitions.** Expect to see more investments and acquisitions involving natural & organic cosmetic firms in 2019. Some of the notable acquisitions in the last 12 months were Logocos Naturkosmetik by L'Oreal, The Organic Pharmacy by Istituto Gassini, and Natural Products Group by Groupe Rocher.

> **Reducing packaging impacts.** Consumer concerns about plastic pollution in the oceans and landfill is making cosmetic & personal care companies address their packaging impacts. A growing number of companies are looking at sustainable materials and / or eco-design approach.

In 2018, REN Clean Skincare received the Sustainable Packaging Award (Sustainable Beauty Awards) for using ocean plastic. More companies are likely to follow REN Clean Skincare, P&G and Henkel in using ocean plastic in product packaging.

> **Sustainable sourcing.** Cosmetic and ingredient firms will continue to invest in sustainable sourcing of raw materials. More sustainability schemes are likely to be introduced for single ingredients, as well as general sourcing practices. In recent years, we have seen many new standards, covering base ingredients (sustainable oils), minerals (Responsible Mica Initiative) and ingredient types (sustainable seaweed). In 2018, Union for Ethical BioTrade launched the Sourcing with Respect label...

> **Ethical labels.** Expect to see more ethical labels on cosmetic & personal care products in 2019. In the last few months, Herbal Essences got Environmental Working Group (EWG) Verification label and Natura Brasil products received Leaping Bunny certification. Other labels making headway include Vegan, Halal, Non-GMO, as well as COSMOS and Natrue (natural & organic labels).

> **Clean beauty retailing.** Credo Beauty has already made its mark in the US as a clean beauty retailer. More such retailers are likely to open their doors in North America and Europe. At the same time, more conventional beauty retailers are having 'clean beauty' sections. Sephora and Space NK are two such retailers devoting shelf-space to beauty products without contentious chemicals. Indie brands will continue to gain popularity; Douglas recently announced plans to expand its range of small niche brands in its European retail network.

> **Growing power of millennials.** The millennials are already some of the most avid buyers of natural & organic products; they will wield greater influence as their spending power continues to rise. As they buy more from online platforms, Amazon and other retailers will gain market share for natural & ethical products.

Ecovia Intelligence will cover such developments at the following events...

[Sustainable Cosmetics Summit North America](#) (8-10 May, New York)

[Natural Cosmetics Masterclass: Future Directions](#) (22 May, Paris)

[Sustainable Cosmetics Summit Europe](#) (4-6 Nov, Paris)

Sustainable Cosmetics Summit

Since 2009, the Sustainable Cosmetics Summit has been covering sustainability issues in the cosmetic & personal care industry. The international series of summits now takes place in the major geographic regions of the world. The tenth North American edition will be hosted at Park Central New York on 8-10th May 2019. More information is available from www.sustainablecosmeticssummit.com

Natural Cosmetics Masterclass

Organised by Ecovia Intelligence, the Natural Cosmetics Masterclass will take place in Paris on 22nd May 2019. For over 12 years, we have been hosting masterclasses and workshops at various international locations that include London, Paris, Nuremberg, Bologna, Barcelona, New York, São Paulo, Auckland, Dubai, Bangkok, Singapore, and Hong Kong.

About Ecovia Intelligence

Ecovia Intelligence (formerly known as Organic Monitor) is a specialist research, consulting & training company that focuses on global ethical product industries. Since 2001, we have been encouraging sustainable development via our services portfolio: market research publications, business & sustainability consulting, technical research, seminars & workshops, and sustainability summits. Visit us at www.ecoviaint.com

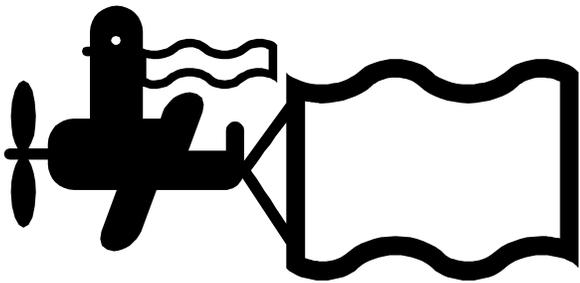
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SCC Membership Dues Renewal

Renewal notices for 2019 were mailed out recently. Final notices were sent in December 2018. Dues fees are US\$150.00.

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December 31st will be made inactive.

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Did You Know?

Did you know
that malaria
spawned the gin
and tonic?

Malaria kills around 200 million individuals annually. It's the result of a bodily infection by single-celled parasitic organisms from the *Plasmodium* genus and causes fever, vomiting, chills and body aches. There is some good news though. Malaria can be treated with quinine, the main component of tonic water!

Quinine is isolated from the bark of the cinchona tree, which has been used for hundreds of years by groups like the Quechua people to treat maladies like shivers and diarrhea.

In the 1700s a Scottish doctor, George Cleghorn, discovered that quinine could be used to treat malaria. This quickly led to tonic water being drunk by British soldiers stationed in India to fight malaria. But as you may know, tonic water is quite bitter. So, in the 1800s, soldiers took to adding first gin, and eventually lemon and lime to their tonic water, to hide the bitter flavour, thus inventing the classic (and my favourite!) gin and tonic.

Nowadays the quinine content of tonic water is minimal, and more effective antimalarial drugs have been developed, but a close relative of quinine, quinidine, is still commonly used as an antiarrhythmic drug to treat irregular heart rhythms. The two compounds only differ in the position of one of their chemical groups: quinine features an OH group that points in one direction, while in quinidine it points in the opposite direction. This small switch is enough to change the function of the drug from antimalarial to antiarrhythmic.

Article compliments of <https://www.mcgill.ca/oss/>



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NEWSLETTER POSTING DATES FOR 2019

Here are the dates for 2019 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- ♦ January 21st
- ♦ February 19th
- ♦ May 2nd
- ♦ August 22nd
- ♦ October 10th



(or as close as we can get)

Should posting dates change throughout the year the most up to date list can be found at;

<http://www.ontarioscc.org/newsletters.htm>



Presenters Welcome!!!



The SCC Ontario Chapter board is currently accepting submissions for presentations! Interested parties can submit a presentation abstract and a biography. Your talk may be accepted for either a Chapter meeting or Education Day.

Please send all enquiries to Andy Halasz (speaker coordinator) at

bhalasz39@gmail.com

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UPCOMING EVENTS

February 7th, 2019 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting- <i>“Rethinking Preservation “</i> -Tia Alkazaz
March 19th, 2019 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting- SCC/RDC <i>“Chemical Supply Chain Management Program”</i>
April 10th, 2019 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting- Seneca Capstone Presentation and <i>“Mastering Time Like a Top Executive or CEO”</i> Paula Dumouchel-Clay
May 30th, 2019 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting— <i>“When algae adaptations benefits the skin”</i> Laure-Anne Gillon
July 25th, 2019 Caledon Woods Golf Club	19th Annual SCC Ontario Golf Tournament
September 19th, 2019 The Venetian, Vaughan ON	SCC Ontario Education Day— Joe Dallal
November 7th, 2019 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting— TBA
November 29th, 2019 The Venetian, Vaughan ON	Holiday Dinner Dance

ONTARIO CHAPTER SCHOLARSHIP PROGRAM SOCIETY FOR COSMETIC CHEMISTS



The support of Cosmetic Science Education and Research are central to the goals of the Society of Cosmetic Chemists (SCC). The Ontario Chapter has developed a Scholarship Program available to students planning to complete cosmetic science research in Canada. In the past, the \$1000.00 award has been presented to students from the University of Toronto, University of Waterloo, University of Guelph and McMaster University. The program began in 2003 and 14 students have received awards.

Interested students are invited to submit a brief one page outline to Dennis Zuccolin, Director of Scholarships at dzucoli@maccosmetics.com. The scholarship applications will be reviewed by the SCC Ontario Chapter Board members. Students awarded a scholarship can also apply for additional support (up to \$1000.00) to cover research and development costs, training and conference expenses.

Successful candidates are encouraged to attend SCC meetings, volunteer at events, collaborate with members of the Society, prepare a poster presentation, write an article for the newsletter and make a brief oral presentation on their research at a chapter meeting.

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MEMBERSHIP

For those who would like to become members, yearly fees are \$150 US. Applications are available from your Executive Committee or on-line at;

<http://www.sconline.org/membership/>

Please return the completed form at your convenience and reap the benefits of the SCC. For renewal memberships, please send payments directly to the SCC National Office. For your convenience, National will accept payment by **VISA, Mastercard or AMEX**. Please contact National for details.



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