

nutmeg newsletter



November 2019

C T S C C M o n t h l y C h a p t e r M e e t i n g

Decoding the Crystal Ball – Color Trends

November 19, 2019

Dinosaur Bar-B-Que
845 Canal Street
Stamford, CT 06902

Registration: 5:30 – 6:00 pm

Dinner: 6:30 pm

Speaker: 7:00 pm



Registration

Online at www.ctscc.org

Email Cynthia at

cvalovich@zotos.com

Chapter Meeting Cost

SCC members: \$45

Non-members: \$50

Students & Unemployed: \$35

Overview

This presentation will review historical color trends (that are still popular today), as well as the various marketing groups / companies that influence the colors we wear each year. Fashion, media and the 2020-2021 trends will also be reviewed.

Speaker Alison Griffin, Sudarshan



Alison Griffin has over 25 years of experience in the Cosmetics/Personal Care industry. Starting her career in R&D, she has worked in both the finished good end (Avon Skin Care Lab) as well as in the supplier end. She has 20 years of experience in raw material sales, 10 of which have been for pigments companies (EMD, Sandream, Sudarshan).

While at EMD (Merck), she was the recipient of both the Regional Sales Award and the Regional Marketing Innovation Award. She is a past NYSCC Chapter Chair and recipient of the Chapter Merit Award. She has a B.S. (Biology) from Gettysburg College and an M.A. (Cosmetic Science) from Fairleigh-Dickinson University.



Thank you to our meeting
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BRENNTAG
SPECIALTIES

Inside this edition:

- Letter from the editor
- Technology corner: Marine-Derived Ingredients
- Photos from Oct Seminar
- Reminder to renew membership
- Upcoming events

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Letter from the Chair

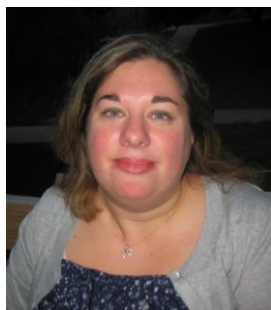
Dear CTSCC Members and Friends,

Wow!! I cannot believe it is November already and a whole year has passed. As we are about to have new officer induction, I would like to take this opportunity to thank the entire board of the CTSCC. Jennifer, Liz, Tiffany, Nina, Cynthia, Michele, Yingxia, Dan, Faith & Patricia – you all did an amazing job this year. Please accept my deepest gratitude and a hearty THANK YOU for all of your efforts in keeping this chapter afloat! I am so excited to see what next year brings!!!

Thank you to George Deckner for sharing all of your knowledge with our members at our October Scientific Seminar – “Innovative Tools to Empower Formulators”. Thank you also to Henkel in Darien, CT for providing a room for our chapter. A special thank you to Alzo, Lubrizol and the Maroon Group for your support and sponsoring our Scientific Seminar. Without sponsorship, we cannot put on the programs we do.

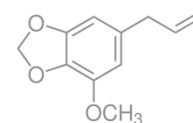
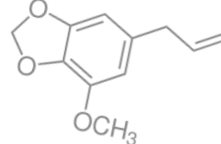
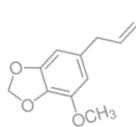
This month we are excited for our monthly dinner meeting where we will treat ourselves to delicious BBQ while learning all about color trends in a talk given by Alison Griffin of Sudarshan. Thank you to Brenntag for generously sponsoring the November dinner meeting. In January 2020, we will welcome Susan Pungitore from Symrise who will speak about modern preservation in personal care formulations.

We look forward to seeing you at November meeting.



Sue Sperring

2019 Chair, Connecticut Chapter
Society of Cosmetic Chemists



Technical Corner

Personal Care Ingredients Derived from Marine Species

AUTHOR: ROGER L. MCMULLEN

In recent years, there has been a significant amount of interest in the personal care industry to discover novel compounds derived from marine fungi, algae, bacteria, and other species.¹⁻³ The world's oceans comprise roughly two-thirds of the Earth's surface and provide a marine ecosystem for innumerable species of living organisms. These species must endure a variety of environmental conditions, which has led to the evolution of a number of metabolites with unique properties. The pharmaceutical and cosmetic industries have taken great interest in harnessing the activity of these molecules for health and personal care applications.



Chitin is one of the most abundant biopolymers in nature and is found in many marine species. It is a polymer of repeating N-acetylglucosamine units that is an integral component of the exoskeleton of many insects and crustaceans (e.g., crabs, lobsters, shrimp, krill, etc.). Chitin is not water-soluble; however, after industrial processing it is converted into its deacetylated form, chitosan, which is soluble in slightly acidic aqueous environments. Further derivatization to carboxymethyl chitosan leads to water solubility over a wider pH range and greater opportunities for use in various applications.⁴ There are actually a number of chitin and chitosan derivatives that are currently used or are being investigated for potential applications in hair, oral, and skin care.⁵ In oral and skin care, an attractive feature of chitin and chitosan derivatives is their antimicrobial properties. They also find potential use as humectants and moisturizing agents.

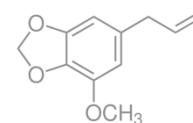
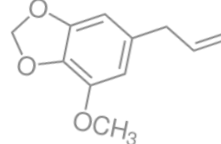
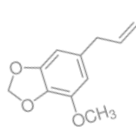
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This article originally appeared on TheCosmeticChemist.com and the NYSCC Cosmetiscope Vol 27 No 5.



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Technical Corner

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There has also been a great deal of interest in deriving proteins and peptides from marine fish for cosmeceuticals.⁶ Type I collagen is found in the skin of marine fish and can be extracted using either an acetic acid or pepsin method. The extracted collagen has many applications in skin care products designed for skin repair or tissue regeneration. It also has noteworthy potential in wound healing and tissue engineering applications. In the commercial space, most skin care preparations containing marine peptides are based on collagen.

Much interest has also been focused on elucidating the cosmeceutical properties of marine algal compounds and how they affect the skin. Marine algae—commonly known as seaweed—consists of brown algae (phaeophyta), green algae (chlorophyta), and red algae (rhodophyta). Some of the important molecules found in these algae and used in cosmetics consist of phlorotannins, sulfated polysaccharides, and tyrosinase inhibitors.⁷ Marine fungi and bacteria are also good sources of bioactive compounds, such as mycosporines, carotenoids, exopolysaccharides, and fatty acids.⁸ Overall, there are a number of application areas in cosmetics for marine-derived ingredients. Some of the most relevant application areas include photoprotection, anti-aging, and skin whitening.

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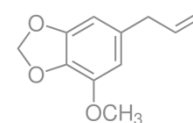
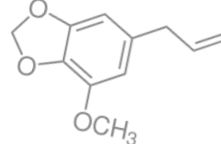
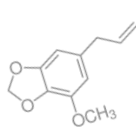
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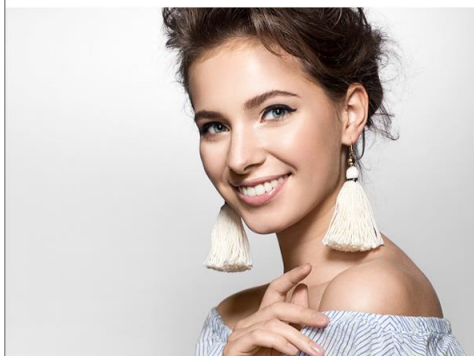
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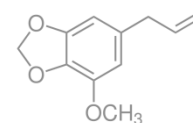
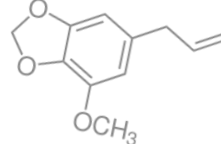
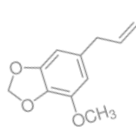
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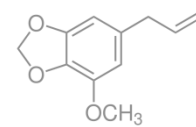
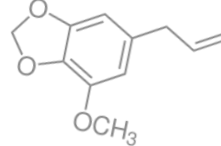
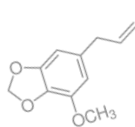
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Snapshots from October Seminar



Thank you to our new photographer Rana Zaki for capturing the day.

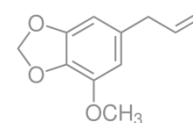
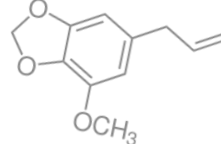
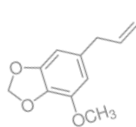


George Deckner speaking on Innovative Tools for Formulators.



Attendees enjoyed a productive day at Henkel.





Annual Meeting

SCC 73RD ANNUAL SOCIETY OF COSMETIC CHEMISTS

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December 17 - 18, 2019 Sheraton New York Times Square

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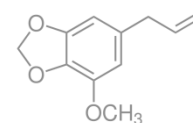
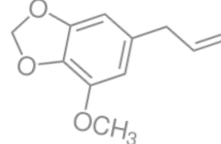
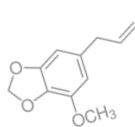
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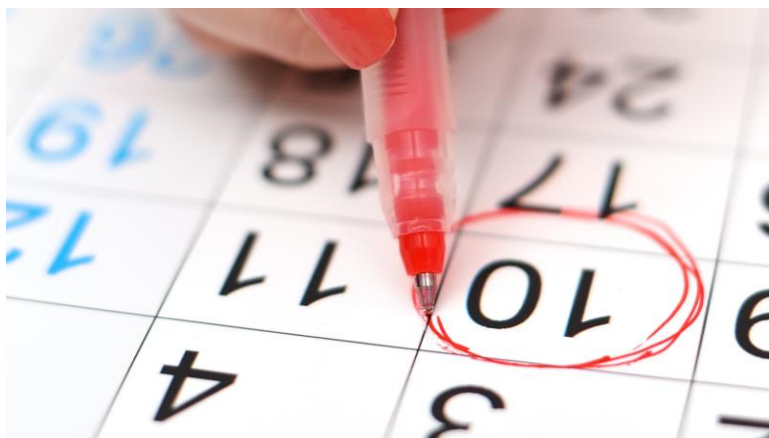
Upcoming Events

November

- ★ 19 – CTSCC Monthly Meeting (Stamford, CT)
- 21 – NESCC Monthly Meeting

December

- 17-18 – 73rd Annual Scientific Meeting



Volunteer with the CTSCC!

Consider volunteering for a committee position with the CTSCC, or recommending someone you know who may be interested.

Benefits include:

- Exposure to the national SCC organization
- Experience in a trade organization, suitable for adding to a resume
- Excellent networking opportunities
- A voice in future speakers and helping to decide the direction of the chapter

Please contact any board or committee member with questions or for additional details!

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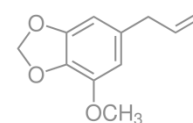
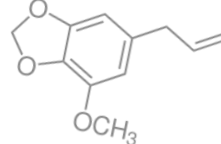
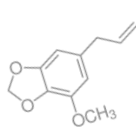
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Do you have an **employment opportunity** in the Connecticut area or beyond?


Is there a **technical article**, raw material insight, relevant writing, or other piece you'd like to share with the community?

Have you captured **photos** at CTSCC events?

Please contact Yingxia Wang to be featured in the newsletter (yingxia.wang@unilever.com).

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