

# COSMEGRAM

MAY 2023 • VOL 53 | ISSUE 4



## MONTHLY MEETING - MAY 2023



### POLYMERIC BIOACTIVES: POLYMERS FROM BIOACTIVES AND AS BIOACTIVES

*Kathryn E. Uhrich*  
Dean, College of Natural & Agricultural Sciences  
University of California, Riverside

Our research centers on polymeric bioactives; specifically, the design of biocompatible, biodegradable polymers. While polymeric bioactives were initially designed for delivering pharmaceuticals, the concept has been expanded to improve the lubricity of engine oils, to prevent plaque buildup on tooth enamel and to improve skin appearance. To design biocompatible and biodegradable polymers, we begin with starting materials that are naturally occurring and deemed safe. We have two different classes of polymers - polymers that deliver bioactives and polymers derived from bioactives. As polymers that deliver bioactives, nanoscale amphiphilic macromolecules (AMs) were initially created to encapsulate hydrophobic drugs and improve drug water-solubility and improve bioavailability. Our current work builds upon the discovery that the demonstrated that the AMs themselves are bioactive – they actively coordinate with binding domains on macrophages to mitigate formation of atherosclerotic plaques. They also display novel mechanisms for mitigating biofilm formation. As polymers derived from bioactives, PolyActives are designed to biodegrade into therapeutically useful or bioactive molecules. The first example was a poly(anhydride-esters) that yielded salicylic acid, the active component of aspirin. This concept has been expanded to include PolyAntibiotics, PolyAntiseptics and PolyOpiates useful for localized, controlled bioactive delivery for pharmaceutical, personal care, and commercial applications.

My research focuses on polymeric bioactives; specifically, the design, synthesis and characterization of biocompatible, biodegradable polymers that deliver bioactives. My most well-known invention is “PolyAspirin”; it was the first example of a polymer that degrades into a bioactive such as salicylic acid that can locally reduce inflammation and pain. These polymers were evaluated for various wound healing applications, such as promoting bone regeneration in diabetic animals. Another invention is the amphiphilic macromolecules, which are also bioactive. The bioactive AMs were unique therapeutic coatings for metal cardiac stents to reduce smooth muscle cell proliferation and platelet adhesion in humans. To date, this research has produced more than 190 peer-reviewed papers and generated nearly \$30 million in federal and corporate research funding. In entrepreneurship and technology transfer, I’m an inventor on more than 60 U.S. and international issued patents based upon research performed in my research labs. I’ve also been involved in multiple start-up companies entered on biomedical polymers and worked in close partnership with companies, such as BASF, Chanel, Colgate-Palmolive, DuPont, ExxonMobil, and L’Oréal. The partnerships are typically to develop new materials and/or products that are nontoxic and biodegradable that meet an unmet consumer need in pharmaceuticals, medical devices, personal care, and environmental applications. Encouraging curiosity, brainstorming, preparing for failure, and promoting teamwork are keys to the success of my research labs.

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## MEETING DETAILS

### DATE/TIME:

Tuesday - May 23, 2023  
5:00 PM to 8:00 PM

**RESERVE NOW** ▶

### LOCATION:

Duke's Malibu  
21150 Pacific Coast Hwy  
Malibu, CA 90265

### RESERVATIONS:

The reservation pricing deadline is at 5pm on the Friday before the monthly meeting. Non-reservation pricing must be paid after this deadline. Reservations are not refundable after the reservation deadline. Please register and pay online at [www.caliscc.org](http://www.caliscc.org).

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## CALI SCC - MARCH MEETING RECAP

Thank you to all who came to the March CASCC meeting! It was a great time and the learning on PEG alternatives was definitely worth it.



**MATT ZOELLER**  
Applications Manager,  
3v sigma USA



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# MARCH 2023 MONTHLY MEETING



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# MARCH 2023 MONTHLY MEETING



# CASCC 2023 BOARD



## 2023 Executive Board

2022 Past Chair	2023 Chair	2023 Chair-Elect	2023 Treasurer	2023 Treasurer-Elect	2023 Secretary
					
<b>Margarita Gomez-Nadin</b> Vice President of Sales Deveraux Specialties	<b>Michelle Carrillo</b> Vice President Actera Ingredients	<b>Mason Montgomery</b> Associate Director, Product Development Dr. Squatch	<b>Diane Horne</b> West Coast Key Account Manager LipoTrue	<b>Nondie Breshears</b> Senior Account Executive Ajinomoto North America	<b>Kendall Johnson</b> Sr. Manager, New Product Development Biossance



## MEMBERSHIP DUES RENEWAL REMINDER - 2023

Hello fellow SCC members and friends,

Thank you to all our SCC Family that has renewed for 2023!!! BUT we are not close to our goal of 1000 memberships! Please renew if you haven't and encourage your co-workers to join or renew! Our board is focused on our members and how to bring relevant and cutting-edge technology to California. Please take the time to engage with us and volunteer!. If you have not renewed, there is now a \$25 charge but it is still worth it! See you at the next meeting!

### The quickest and easiest way to renew is online!

To pay online go to [members.sconline.org](https://members.sconline.org) and login using the username and password you set up. If you have not set up your username and password on our new database please go to [www.sconline.org/registration](https://www.sconline.org/registration) and create your own.

### BENEFITS OF MEMBERSHIP

- You can attend the California Chapter meetings & all other chapter's meeting at the member rate.
- Attend almost all events at a discounted rate!
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## MESSAGE FROM THE CHAIR

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Hello CA SCC Members!

We hope you had a wonderful 2023Q1 and excited for all the things that will be happening soon. Before we go into the future events, let's look back on our March and April meetings.

Our March meeting took place at the Avenue of the Arts in Costa Mesa and I'm sure our chapter members from the local area enjoyed having one close to home. The new meeting format seemed to be a hit while we learned more about green and sustainable offsets to PEGs with Matt Zoeller from 3V Sigma USA.



*Michelle Carrillo*

Our April meeting took us to another part of California - the Bay Area! Here, we held our very first Speed Dating event at The Pearl. The members were able to interact and discuss new technologies from suppliers while playing the Supplier Bingo game. We also heard and learned more about upcycling the emerging sargassum seaweed bloom from our Bay Area member - Jeff Yeh, Vice President Personal Care of Carbon Wave. We hope to bring this meeting back again next year and hopefully down in Southern California.

I hope you all are enjoying the new meeting format and as always, please send any board member feedback you may have.

Onto our future events...

The May meeting will be held at Dukes Malibu and you don't want to miss this one. Come learn about new research being done on polymeric bioactives from Dr. Kathryn E. Uhrich, Dean of College of Natural & Agricultural Sciences at UC Riverside. This meeting will have a heavy focus on student attendance so please say hello and welcome them to the meeting. This is our most popular meeting of the year so don't wait to register as it is expected to sell out. We will be capping the registration and once it is closed, you won't be able to claim a spot. That means there will be no walk-in registration.

Schedule for the May meeting will be as follows:

- 5:00 pm - 5:45 pm (Network)
- 5:45 pm - 6:15 pm (Buffet Dinner)
- 6:15 pm - 6:45 pm (House Business)
- 6:45 - 7:45 pm (Speaker)
- 7:45 - 8:30 pm (Networking)

Other events:

- June 3 - Dinner Dance @ Westin Anaheim. We are almost sold out! Don't miss your chance to attend so don't wait to buy your tickets.
- July/Aug - Summer Event (location TBD)
- Sept 26 - Monthly Meeting @ Avenue of the Arts, Costa Mesa
- Oct 25-26 - CA Suppliers Day
- Oct 25th - After Party
- Nov 14th - Monthly Meeting
- Dec 12-13 - SCC Annual Scientific & Technology Showcase @ Sheraton, Times Square New York

And that almost wraps up the first half of the year. That is it for now and see you all at the May meeting.

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# MESSAGE FROM THE CHAIR-ELECT

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Hello California SCC,

It's hard to believe that we're already in May! I hope the first third of your 2023 has been full of innovative products, as well as good times with great people. I'm happy to share a few updates on our upcoming 2024 Chapter Elections as well as our 2023 Summer Event.

## CASCC CHAPTER ELECTIONS & COMMITTEE CHAIR OPENINGS

Per our usual changing of the guard, we'll have the elected board positions of Secretary, Treasurer-Elect, and Chair-Elect open for candidates from now until August. To serve as an elected official you must be a General Member in good standing, and of course, be excited about the chance to give back to the chapter as part of a wonderful team of volunteers!



*Mason Montgomery*

You can also nominate other members for elected positions after speaking to them about their interest. If you'd like to nominate yourself or anyone else for the three elected positions above, please reach out to me at [mason.montgomery1095@gmail.com](mailto:mason.montgomery1095@gmail.com) by no later than **Friday, August 11th**.

We also have a limited number of Committee chair openings which don't require an elections process! We're looking for volunteers in some high-impact areas this coming year, including the annual Dinner Dance, Supplier's Day, and Sports chairs. Please reach out if you're interested in getting involved in those areas as well!

## 2023 SUMMER EVENT

We're still in the planning process, but we want to let you know to save the date for what will likely be the weekend of July 22nd, 2023 for our annual chapter Summer Event! Please be on the lookout for more details to come.

That's all on my updates for now, but I hope to see you at a CASCC meeting soon.

Best Regards,  
Mason Montgomery  
CASCC 2023 Chair-Elect

  
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# Upcoming Events

May  
**23**

**CA SCC Meeting**  
@ Duke's Malibu

June  
**3**

**CA SCC Dinner Dance**  
@ Westin Anaheim

SUMMER

**2023 CASCC Summer EVENT**

SUMMER

**2023**

**NOMINATIONS for office  
due -both Chapter &  
National**

September  
**26**

**CA SCC Meeting**  
@ Avenue of the Arts,  
Costa Mesa

October  
**25-26**

**CA SCC Supplier's Day**  
@ Long Beach Convention  
Center

November  
**14**

**CA SCC Meeting**  
@ Ayres Hotel,  
Manhattan Beach / Hawthorne

December  
**12-13**

**SCC Annual Scientific &  
Technology Showcase**  
@ New York



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# IN LOVING MEMORY



## JARED JOHNSON

JUNE 24 1975 - APRIL 27 2023

It's with great sadness we say goodbye to our dear friend & colleague after his two year battle with cancer.

Jared was part of the CASCC family for over a decade while with Orchidia, LV Lomas and ROSS Organic.

As an avid golfer, Jared served on the Sports Committee planning the Golf Tournament for many years. He was always the life of every party!

Jared is survived by his two daughters, fiance and family, and will be missed by all.



# We Value What Makes Each of Us Different

As a professional association in the cosmetics and personal care industry, the Society of Cosmetic Chemists (SCC) represents nearly 6,000 members globally. **Diversity, equity and inclusion are at the core of who we are as an organization.**

We are committed to advancing, cultivating, and preserving a culture of diversity, inclusion and belonging because a successful community of industry professionals working together to promote science, innovation, and education is our mission.

We are strengthened by the varied identities, experiences, cultures, and perspectives of our leadership, employees and members. The Society of Cosmetic Chemists is committed to fostering a safe and welcoming environment where everyone is shown respect and dignity, and opportunities for engagement and participation are available regardless of age, appearance, ethnicity, gender identity, geographical location, national origin, professional level, race, religious beliefs, sexual orientation or socioeconomic status.

The Society of Cosmetic Chemists pledges to:

- Stand against racism, intolerance, and discrimination.
- Speak up and address bias wherever we see it, whether conscious or unconscious.
- Foster open, candid, and constructive dialogue.
- Prioritize diversity, equity and inclusion as a primary and essential business function.
- Be an environment in which any individual or group can be and feel welcomed, respected, supported, and valued to fully participate.

We encourage all of our members, and the global industry as a whole, to join us in these efforts.

## STAND UP. SPEAK UP. FOR ALL.



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mason.montgomery1095@gmail.com

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#### SCIENTIFIC SEMINAR 2024

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mason.montgomery1095@gmail.com

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#### EDUCATIONAL HOUR

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# SCC SPEED DATING



- > Thank you to all who attended April's SCC meeting in San Francisco CA!
- > The speed dating tables were sold out with the companies here.
- > Congratulations to the winners of the bingo opportunity drawings!

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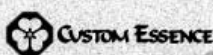
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# APRIL 2023 MONTHLY MEETING





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## ATTENTION! ATTENTION!

# In-House CEP Courses Available

In-House Courses are highly-personalized courses brought to companies to address challenges or areas of need. These courses, taught by knowledge experts, provide professionals with an up-to-date cosmetic science education. Recent In-House Courses have been organized for **Benefit Cosmetics, Mary Kay, Bayer**, the **FDA** and others.

Companies interested in providing in-depth technical information to their employees can contract an education day in a location of their choosing.

- ▶ **SOCIETY** covers the costs of booking the instructor and all of the instructor's traveling expenses (including hotel, flight, car, etc.)
- ▶ **COURSES** can be scheduled for 1 or 2 days on any topic of particular interest to the company
- ▶ **COMPANIES** can choose the instructor if they seek a specific knowledge expert

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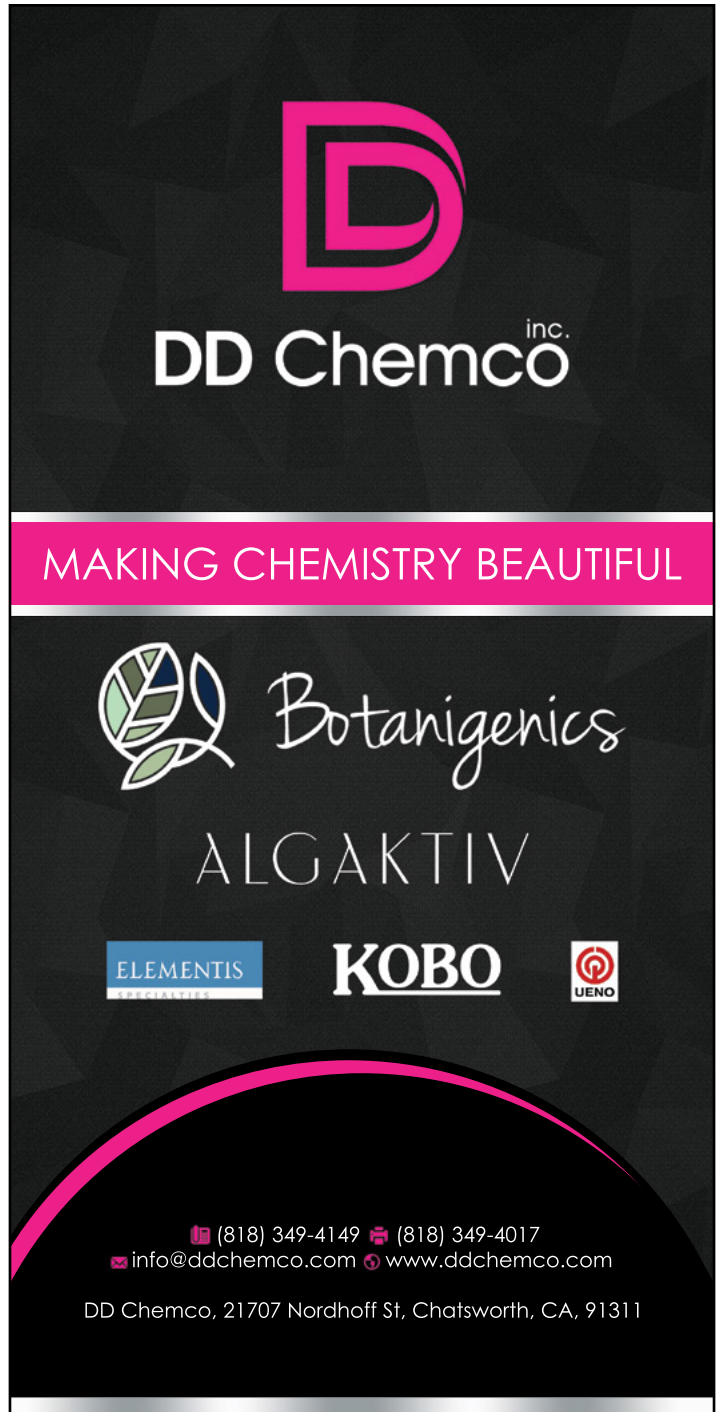
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# HISTORIAN'S ARTICLE

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## THE HISTORY OF GELLING AGENTS

When we create products, gelling agents are often overlooked ingredients that we automatically add to the formula without a second thought about how significant they are to the product's stability. As I mentor new talent into our field of science, the very first experiment I have the young ones perform is creating the same base formula, replacing only the gelling agent to see how the product changes just by substituting one crucial ingredient. It is amazing how a formula will completely change as far as feel and texture just by replacing the gelling agent/thickeners.

I thought it would be of interest to see how these ingredients were discovered. The very first gelling agents were created for the food industry and were food-based agents. In 1881, Gelatin was isolated from liquid broth by Robert Koch. It was developed originally for Microbiology to help cultured bacteria grow. However, since Gelatin tends to melt at temperatures above 37°C, it was not the ideal substrate for media. An alternative to Gelatin was proposed



*Erica Herrell*

by Angelica Hesse, the wife of Walter Hesse, an associate of Koch in 1882. The substance was Agar and it allowed for the preparation of solid cultures. Agar solidifies at temperatures between 32-42°C and melts at 85°C. It also allowed for clarity and diffusion of the cultures.

Believe it or not, the use of thickeners and gelling agents did not make its appearance until the 1960s. The first one used was Xanthan Gum, discovered by Allene Rosalind Jeanes and her team at the Department of Agriculture. Most skincare preparations relied on soap type emulsions to create stable products. Xanthan gum was approved for use in foods in 1968. It is a polymer composed of Glucose and Sucrose, two simple sugars and is produced using fermentation. This polysaccharide is still being used extensively today for both food and cosmetic products. It is also used in oil drilling to thicken the mud containing the oil. In cosmetics, Xanthan gum allows for the gelling of water. The unique rheology of the slurry allows for different sensory profiles. Lately, Xanthan gum is also being investigated for its Prebiotic benefits to the microbiome.

Another Polysaccharide discovered a little earlier than Xanthan gum was Cellulose. A French Chemist, Anselme Payen isolated the polymer from plant material. However, in the early 1900s it was mainly used in the production of Rayon (Panty hose) and Cellophane. Cellulose is still used in paper manufacturing. There are many natural sources for cellulose, so it is one of the most abundant organic Polymer on earth. In cosmetics, the regular form of Cellulose is not very user-friendly, because it is not soluble in water. As a fun side note, this material was also used in explosives in the form of Nitrocellulose. In 1931, the patent expired, allowing for other manufacturers to explore this polymer and its potential derivatives, such as the Esters and Ethers. When partially reacted with such reagents, it allows the Cellulose to become more readily soluble in water. The global use for this ingredient sky-rocketed in the 1970s to almost 4 million tons for a variety of products. For cosmetic chemistry use, it has a little less "slimy" feel than the Xanthan gum, allowing the products to absorb into the skin faster and leaving a nice powdery feel.

No article about gelling agents would be complete without Carbomers. In the early 1960s, the US Department of Agriculture was conducting experiments on water absorbing materials to improve water conservation. They developed a resin, grafting Acrylonitrile polymer into a starch. This material was able to absorb 400 times its weight in water, while converting into a stable gel. At that time this material was called "Super Slurper". The first commercial use for Carbomers was in 1978 in feminine napkins in Japan. Later it was also used in disposable bed liners for nursing homes in the US and diapers (By Kimberly Clark). This research gave rise to the many forms of what we know of today as Carbomers. The unique water releasing, fresh feel you get when formulating with this ingredient is not duplicable by any natural starch derivatives. Also, by neutralizing the polymer, crystal clear gels are formed. Another advantage Polyacrylates have over their natural cousins is the ability to suspend particles, allowing for many fun formulation possibilities.

Today, we have many options to use in cosmetic preparations. Gelling agents are used not only as thickeners, but also as film formers, and formula stabilizers. We are lucky to be creating products with so many options to choose from.

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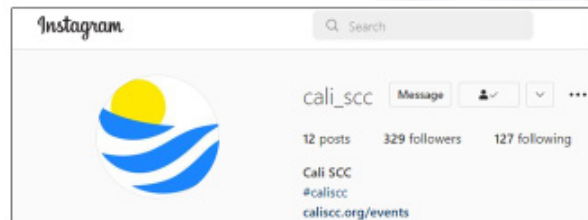
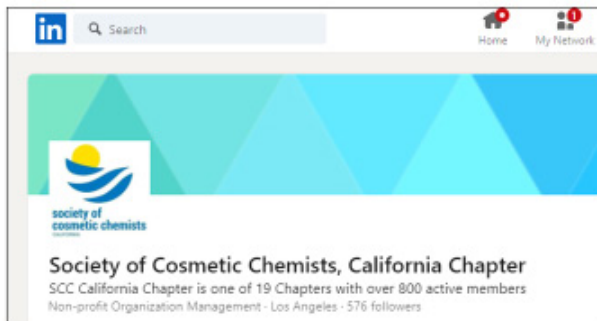
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The Society of Cosmetic Chemists Headquarters has officially begun planning the 77th Annual Scientific Meeting & Showcase (SCC77). This year, the meeting returns to the Sheraton Times Square in New York, NY on December 11-13, 2023.

All scientists, academicians, students, policy makers and other stakeholders in the cosmetic and personal care community are invited to submit an abstract of original work, lab demonstration or case study for consideration to present as a podium lecture.

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Emulsion and Surfactant Technology and independent Product Development project. All courses are designed to accommodate the busy schedules of working professionals in the industry to gain knowledge and skills for career advancement. UCR anticipates a start-date of Fall 2023. Watch this space for news on the program launch!



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# TECHNICAL ARTICLE

## IMMUNO-COSMETICS: HOW CAN WE MODULATE THE SKIN'S MICROBIOME?

Natural ways to de-stress are being marketed by prioritizing one's well-being and boosting immunity. Vaccines, vitamins, supplements, and even exercise are all ways to enhance our health and wellness. However, it is quite easy for stress to get in the way of that. One of the leading causes of aging is stressed skin, technically referred to in the personal care industry as "inflammaging", or chronic low-level inflammation with degradation of cells, collagen, and tissue. This makes our skin more susceptible to outside environmental factors that will increase the appearance of fine lines, wrinkles, and sagging skin.

The skin is made up of a physical barrier, a microbiome, and immunity cells that all cohesively communicate through cellular networking. The crosstalk between these three layers is ultimately what is responsible for the stress of the skin. By enhancing and optimizing our skin's immunity functions, and expanding on the current research of immuno-cosmetics, we can repair the skin barrier and its functions that contribute to the health of our microbiome.

It may sound scary, but our skin microbiota consists of viruses, bacteria, and fungi that work to defend our skin from outside pathogens not only as a physical barrier, but also as an internal instructor for our immune system. Commensal, or "good" bacteria, make up most of our skin microbiome. However, sometimes there are alterations in the commensal-pathogenic bacteria ratio that can cause an imbalance of the microbiota barrier, leading to inflammation. If there was a way to signal the skin to release antimicrobial peptides, cytokines, and proteins, this would effectively restore the microbiome community, reestablish our skin's barrier, and reduce inflammation.

Dendritic cells are responsible for the commencement of immune responses and are the most abundant antigen-presenting leukocytes. Their precursors travel from the bone marrow into the bloodstream in an inactive state, constantly surveying their environment. Simultaneously, these precursors are increasing their capture of antigens, even in areas of the body where there is no inflammation, as preparation for pathogens. When pathogens ultimately enter the body, these inactive dendritic cells detect invaders due to previously collected antigens and the pathogens rapidly leave the tissue. During this process, the dendritic cells are maturing and going through functional and phenotypical alterations. They are no longer capturing antigens; they are now producing pro-inflammatory cytokines.

Once the dendritic cells travel to the lymph nodes, they will present their antigens to T-cell zones, which are white blood cells that are also developed in the bone marrow to fight infection. These cells can be propagated in vitro from bone marrow, or different sources, using a multitude of growth factors such as granulocyte macrophage-colony stimulating factors (GM-CSF). A new efficacy study was developed based on the modulation of the immune-response capacity of dendritic cells: The Dermal Microbiome-Immunology Assay.

This assay assesses the effect of our chosen actives to alter dendritic cell paracrine signaling molecules to kill detrimental microorganisms found on the skin, and, therefore, promote commensal microbiota. There is a common misconception that a reduction in all inflammation is good. However, the dermal immune system must communicate with the cutaneous microbiome to maintain a healthy balance between commensal bacteria and pathogenic bacteria. A balance between the two will prevent excessive inflammation. The table below describes the microorganisms that are tested in this assay and the importance of each.

Microorganism	Type	Importance
<i>E. coli</i>	Gram-Negative Bacilli (Fermentative)	Human pathogen with multiple antibiotic resistances
<i>S. aureus</i>	Gram-Positive Cocci	Human opportunistic pathogen with antibiotic resistant strains
<i>P. aeruginosa</i>	Gram-Negative Bacilli (Non-Fermentative)	Human opportunistic pathogen and used to study antibiotic resistance and pathogenesis
<i>C. albicans</i>	Yeast	Human opportunistic pathogen responsible for candidiasis
<i>A. brasiliensis</i>	Mold	Human opportunistic pathogen responsible for lung diseases

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## TECHNICAL ARTICLE (CONT.)

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The dendritic cells are cultured with complete media and the media is replaced with the selected active at different levels. After the dendritic cells were exposed to experimental conditions for 24 hours, the conditioned media was harvested and placed at 80°C until the Time Kill Test. The material was inoculated with the 5 different organisms in the above table and were evaluated at the specific time intervals of 30 seconds, 1 minute, 5 minutes, 10 minutes, and 30 minutes after the inoculation. Mold and yeast results were read 5 days after plating, and bacteria results were read 2 days after plating. Using the area under the curve calculation, we can determine if our active prevented growth in pathogenic microorganisms and maintained commensal microorganisms, which indicate a healthy microbiome. Dendritic cells maintain skin homeostasis during bacterial disruptions in the skin barrier through paracrine signaling molecules, limiting excessive inflammation, and restoring balance to the dermal microbiome.

### References:

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## ABOUT THE AUTHOR



*Morgan Drohan*

Morgan Drohan is a Technical Marketing Professional at Active Concepts. After graduating Appalachian State with her bachelor's degree in chemistry and certification in forensic science, she spent two years performing scientific research and instrumentation analysis. Morgan decided to transfer over her critical thinking, effective communication, and passion for cosmetics over to the personal care industry. In her role, she is regularly researching and staying ahead of the personal care market trends, executing innovative design tactics, presenting technical seminars, and building relationships with customers from all over the world. Morgan prides herself on continually evolving her knowledge in the field of cosmetics.

When she isn't marketing natural, sustainable, and innovative active ingredients, she is exploring coffee shops in Charlotte, spending quality time with her loved ones, and getting as much time outdoors as possible.

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# REGULATORY UPDATES

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## USA

### FDA

- Warning Letters: Sent to manufacturers of Sunscreens for violations of Good Manufacturing Practices (GMPs)
- Voluntary Cosmetic Registrations Program (VCRP)- The FDA announced that they are shutting it down and can't receive new submissions as of March 27, 2023. It will not be portal used to receive MoCRA submissions.

### USDA

-As of March 2023, the USDA's Strengthening of Enforcement (SOE) for use of the USDA Seal of Approval went into effect. There was a significant increase in oversight and enforcement for organic farmers.

### FTC

- Had a comment period open till April 23 for potential updates to the green guides.
- Has proposed new rules updates for Auto-Renewals, Free Trials and Subscriptions. These will available for a public comment period

### NAD

-The NAD has stated that brands must substantiate third party claims, even if they are unpaid once they link to them or disseminate them,

### WASHINGTON

-Washington State PCR Plastics Law-Producers had to register by April 1, 2023

### CALIFORNIA

- CA SB54 (Producer Responsibility Recycling Regulation)-CalRecycle Held a workshop on March 29 to provide more information about the Producer Responsibility Organization (PRO)
- Prop 65-Announcement of second data call-in for Hexavalent Chromium-data due by April 26, 2023. Also, new proposed amendment to the specific regulatory levels NSRL for Ethylene Oxide. Comment period open till May 23, 2023.

## INTERNATIONAL

### CANADA

-Announced proposed changes to the Food and Drugs Act, which would ban animal testing in cosmetics.

### THAILAND

-In March, Banned PFAs in cosmetics

### UK

-Study done by the Office for National Safety and Standards (OPSS) and found a few products with levels of Arsenic, Antimony, Mercury, and lead was found in Eyeshadow and Lipstick, in particular at significant levels. This may lead to stricter requirements for heavy metal limits in cosmetics.



*Ariana Farina*



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- An invitation to accept a ceremonial award at the SCC Awards Breakfast on December 13, 2023
- A complimentary student poster at the SCC77 Showcase December 12-13, 2023
- A \$350 travel voucher to offset travel costs to NYC
- Two (2) nights complimentary accommodation at the Sheraton NY Times Square December 11 & December 12, 2023

Selected finalists may be provided with:

- A complimentary Full Access Registration to attend the SCC 77th Annual Meeting & Showcase in New York, NY, December 11-13, 2023
- An invitation to be recognized at the SCC Awards Breakfast on December 13, 2023
- A complimentary student poster at the SCC77 Showcase December 12-13, 2023
- A \$350 travel voucher to offset travel costs to NYC
- One (1) night complimentary accommodation at the Sheraton NY Times Square December 12, 2023

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# MEMBER SPOTLIGHT

## LOKESH K. JAIN

### When did you join the SCC?

I joined SCC in 2002 and have been a member since then.

### What is your favorite part of being a member of the SCC?

Learning and networking. For past almost 20 years it has been so rewarding for me in terms of learning from the technical presentations for the new research and materials, current regulatory updates, and other practices in the industry.



### And how did your career lead you to this?

I had always been passionate towards the research and development of new/creative stuff and always been curious in new ingredients. Trying new ingredients into the formulations and creating something new for brands/clients is an art and your formulated products gives you immense satisfaction once launched and liked by the consumers.

### Greatest challenges you have faced and what others could learn from them?

Continuous learning with your routine/busy work is a challenge. When you try something new, the chances of failure are great, and we need to be persistent to keep trying until we convert our failure into the success. My favorite quote is “ Learning never ends”, we learn everyday of our life.

### Goals you still are looking forward to accomplishing(personal or professional)?

To grow in my learnings to help the environment by helping the brands formulating clean, safe and environment friendly products by using the newer researched materials available. Personally, I would love to help/guide the new generation entering our field to do something better than us.

### What challenges do you see our industry facing in the coming years and any plans you have to face them?

Our industry and the whole world is dealing with bigger environmental issues generated through industrial and technological revolutions. We need to investigate the things which are less impactful to the environment and health and bring them in mainstream of human uses; like recycled/upcycled materials, producing materials with less carbon footprints, using more natural energy sources etc.

### Best advice for someone who is beginning their cosmetic career?

Bring the new knowledge to the industry for making it better from the perspective of researching, innovating, selling, formulating clean, safe and healthy products.

### Do you have a motto or favorite quote?

My favorite quote is “ Learning never ends”, we learn everyday of our life.



# MEMBER SPOTLIGHT

LOKESH K. JAIN (CONT.)







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SOCIETY OF COSMETIC CHEMISTS  
CALIFORNIA CHAPTER

# Suppliers' Day 2023

LONG BEACH CONVENTION CENTER

300 EAST OCEAN BLVD, LONG BEACH, CA 90802

DAY 1: WED OCT 25, 2023 10am - 5pm

DAY 2: THURS OCT 26, 2023 10am - 3pm

# 2023

## Booth Price:

\$ 2700 In Line Booth  
\$ 2800 Corner Booth

Sponsorships Available

<https://www.caliscc.org>

Technical Posters

Speaking Opportunities

## After Party

Wednesday  
October 25th, 2023

Email:  
[afterparty@caliscc.org](mailto:afterparty@caliscc.org)



**WEDNESDAY 10/25/2023**  
**THURSDAY 10/26/2023**

Conference details to follow

*Visit [www.caliscc.org](http://www.caliscc.org)*

Email:  
[suppliersday@caliscc.org](mailto:suppliersday@caliscc.org)  
to be added to the interest list or  
with show questions.

**VISIT [WWW.CALISCC.ORG](http://WWW.CALISCC.ORG) FOR MORE SHOW DETAILS**

# HAVANA NIGHTS

CASCC 2023

## Dinner Dance Gala

**WESTIN ANAHEIM RESORT**

1030 WEST KATELLA AVENUE ANAHEIM, CA 92802

**SATURDAY JUNE 3, 2023**

5:30 PM - 7:00 PM COCKTAIL HOUR

7:00 PM - 11:00 PM DINNER

PRE-SALE RATES  
THRU MAY 19, 2023

**\$175 \$1,750**

SINGLE TICKET PER TABLE(10 SEATS)

BEGINNING MAY 20, 2023\*

**\$225** SINGLE TICKET  
SUBJECT TO AVAILABILITY\*

REQUESTED ATTIRE: SEMI-FORMAL

STAY CONNECTED FOR THE LATEST UPDATES: [CALISCC.ORG/DINNER\\_DANCE](http://CALISCC.ORG/DINNER_DANCE)



REGISTRATION  
WINE + TICKET SALES



SPONSORSHIP  
OPPORTUNITIES



GIFT BAG  
PRODUCT DONATIONS



WESTIN  
ROOM BLOCK

# SPONSORSHIP

To secure sponsorships visit: [caliscc.org/dinner\\_dance\\_sponsorship](http://caliscc.org/dinner_dance_sponsorship)

Sponsorship Features	BRONZE \$800	SILVER \$1,500	GOLD \$5,000	DIAMOND \$10,000 MAY: 4
Supplier logo featured in Cosmegram, website and inside Gift Bag	✓	✓	✓	✓
Supplier logo featured at Dinner Dance Gala	✓	✓	✓	✓
Special recognition at Cocktail Hour		✓	✓	✓
**Preferred seating and (1) complimentary bottle of wine per table purchased			✓	✓
Exclusive VIP Lounge w/ premium branding & dedicated bar. Includes 1 table (\$1750 value)				✓

**SOLD OUT**

DIAMOND LIMITED TO FIRST 4 SPONSORS\*  
TABLE PURCHASED SEPARATELY\*\*

### QUESTIONS?

Catherine Hoang (choang@cattech.com) Angie Inouye (ainouye@charkit.com)  
dinnerdance@caliscc.org



# HAVANA NIGHTS

CASCC 2023

## Dinner Dance Gala

The annual Dinner Dance would not be possible without the generous contributions of our Sponsors

The CASCC members, CASCC Board of Directors & Dinner Dance Committee thank each of our Sponsors for their continued support of the Chapter and our events.

### DIAMOND SPONSORS



### GOLD SPONSORS



### SILVER SPONSORS

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SPONSORSHIP OPPORTUNITIES: [CALISCC.ORG/DINNER\\_DANCE\\_SPONSORSHIP](https://caliscc.org/dinner_dance_sponsorship)

# HAVANA NIGHTS

ANNUAL DINNER DANCE GALA

JUNE 03 2023 • 5:30 PM • WESTIN ANAHEIM RESORT  
ORANGE COUNTY, CALIFORNIA

## Showcase your brand in this year's

# CASCC *swag bag*

### THE DETAILS

Units Requested: 1,000

Product in Hand: Friday, May 19th

Ship to: McKenna Labs c/o Dennis Owen CASCC Dinner Dance  
1601 E. Orangethorpe Avenue Fullerton, CA 92831

CASCC Tax ID# + Receipt of Charitable Donation available upon request

CASCC WISHES TO THANK

**Actera**

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QUESTIONS? [dinnerdance@caliscc.org](mailto:dinnerdance@caliscc.org)

Catherine Hoang ([choang@cattech.com](mailto:choang@cattech.com)) Angie Inouye ([ainouye@charkit.com](mailto:ainouye@charkit.com))

[caliscc.org](http://caliscc.org)

 [cali\\_scc](https://www.instagram.com/cali_scc)



### GIFT BAG PRODUCT DONATIONS

Interested in featuring your brand in this year's Dinner Dance gift bag? Please complete [this form](#).

### NOTABLE CONTRIBUTION

Contributions for amounts leading up to Bronze Tier (\$800) are greatly appreciated and your Company Name will be recognized on all collateral. Please contact us at: [dinnerdance@caliscc.org](mailto:dinnerdance@caliscc.org)



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## North American Representative for Scientific Research and Testing Instruments

**AquaFlux** Condenser Chamber TEWL system evaluates in vivo integrity of skin barrier function and assesses in vitro and ex vivo characteristics of skin and membranes. May be integrated with Franz cells using custom designed adapters.

**Epsilon** A novel contact imaging system using a specially calibrated fingerprint sensor to measure and map near surface permittivity and water volume of any soft tissue, in vivo and in vitro.

**TiVi700** Spectroscopy System measures microvascular effects of systemic and topically administered vasoactive materials. It is particularly useful for evaluating skin damage, wound healing, and performance of topicals and sunscreens.

**TiVi8000** An economical USB powered camera probe version of the TiVi700.

**DUB SkinScanner** High frequency Dermatalogic Ultrasound for precise measurement of skin thickness and density. It is particularly useful for delivering high resolution images of nevae and subsurface dermal structures.

**C-Cube** A newly introduced stereophotometry system for capturing 3D high resolution images of the skin with detailed color calibrated texture. Assesses skin and hair color, wrinkles, pores, pigmentation, lesions, and other microstructural components with unrivaled detail and accuracy. Hand held probe, USB powered. Includes in vitro accessories.

**Neurometer CPT/C** A neurosensory threshold testing system for objective assessment of skin sensitivity, skin irritation, and itch propensity. Ideal for documenting subtle changes for claims support.

**BioX AquaFlux**

**BioX Epsilon**

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