

# RACI PHARMACEUTICAL SCIENCE GROUP (NSW)

and **CAPSIG** NSW present the following joint seminar:



## Preservatives and Preservative Efficacy: Pharmaceuticals and Cosmetics

Tuesday 22 March 2022  
Ryde-Eastwood Leagues Club  
117 Ryedale Road  
WEST RYDE NSW 2114



### Program

Welcome to the first live seminar as sponsored by PSG and CAPSIG for a couple of years!

Antimicrobial and chemical preservatives have long been recognised as being an integral part of cosmetic and medicinal product formulations to protect them from microbiological growth which could result in the products being unsafe or unfit for use. However, with the changing regulatory environment resulting in fewer choices of available preservatives and consumers wanting more natural products, it is time to review the preservative landscape.

This seminar will examine the current and future preservative options, formulation issues, efficacy testing, and the changing regulatory requirements. The speakers, drawn from industry, consultancy, testing and TGA, are actively involved in these areas and will present a practical, 'hands on' approach to preservatives and their requirements.

This seminar is designed for those working in the therapeutic goods and cosmetic sectors who are involved in product development, manufacturing, quality control and testing and regulatory of cosmetic and medicinal products.

We hope that you will use this seminar as an opportunity to both learn more about preservatives and to renew and enhance your professional networks.

- 12:30 - 13.10 **Registration**
- 13:10 - 13.15 **Chair seminar welcome and introduction**
- 13:15 – 14.00 **Preservative Types and Formulation of products** - John Staton, *Scientific Director, SciPharm*
- 14.35 - 15.35 **PET - Microbiological analysis, traditional and rapid techniques**  
Kerensa Low *Market Manager Healthcare*, Theoni Karadimas *Industry Technical Application Manager*  
and Dr Megha Bajaj, *Global Solutions Manager – BIOBALL, bioMérieux*
- 15:05 - 15.20 **Questions and Discussion**
- 15.20 - 15.40 **Afternoon tea**
- 15.40 - 16.30 **The Chemistry and Analysis of Preservatives** – Dr Alan Doughty, *Managing Director, Chemika*
- 16:30 - 17.05 **Regulatory requirements and observations** Dr John Churchill, *Scientific Evaluation Branch, Medicines Regulation Division, TGA*
- 17:05 - 17.20 **Questions and discussion**
- 17:20 - **Drinks, followed by dinner (6 pm)**

***Further details of the content of the presentations and venue requirements for Covid-19 follow the Registration and Covid procedures at the end of this notice.***

## Registration Procedure and Information

Event 1287

### Registration fees (GST inclusive):

Earlybird RACI/CAPSIG/ARCS Members	\$150 seminar, dinner & drinks
Earlybird Non Members	\$200 seminar, dinner & drinks
RACI/CAPSIG/ARCS Members (from 12/3/22)	\$175 seminar, dinner & drinks
Non Members (from 12/3/22)	\$250 seminar, dinner & drinks
RACI member students	\$10
Non RACI students	\$30

Earlybird registrations close COB, Friday, 11 March, 2022.

**Final registration by 12 pm, Friday, 18 March 2022. No registrations will be accepted after this.**

**RACI/ARCS members and non society members; direct registration link is**

[https://raci.org.au/RACI/Web/Event\\_Display.aspx?EventKey=NHG1287](https://raci.org.au/RACI/Web/Event_Display.aspx?EventKey=NHG1287),

Alternatively for program description, then to register and pay for the seminar go to RACI Pharm Group website and then registration link [https://www.raci.org.au/RACI/Web/About-Us/branches/Copy\\_of\\_NSW\\_Pharmaceutical\\_Science\\_Group.aspx](https://www.raci.org.au/RACI/Web/About-Us/branches/Copy_of_NSW_Pharmaceutical_Science_Group.aspx) .

**CAPSIG members and CAPSIG students;** register with Melissa Bourke by Friday 18 March, email [melissa.bourke@biomerieux.com](mailto:melissa.bourke@biomerieux.com) or phone 0416 036 443.. Cheques and booking details to be sent to Ms. Melissa J Bourke, PO Box 432, Alexandria NSW 1435.

### Registration entry hints:

Registration for RACI/ARCS members and non society members is at **TBA**

Follow the instructions and which fields to complete as an RACI member, ARCS member or non-member with care. Members with an RACI account should enter their Username and Password and follow subsequent instructions. Non-members will initially need to "Create a new account" and also follow subsequent instructions .

For any queries on registration, please contact the NSW Branch coordinator, Brent Kooyman, Tuesday to Thursday, phone 02 9663 4920 or 0449 766 175, email [raci-nsw@raci.org.au](mailto:raci-nsw@raci.org.au).

**No refunds will be given on cancellations after COB Wednesday, 18 March, 2022; change of registrant personnel is allowed at any time.** Please advise Brent Kooyman of such changes.

For further information regarding the seminar, please contact David Edmonds [davidaedmonds@yahoo.com.au](mailto:davidaedmonds@yahoo.com.au).

Note: the Pharmaceutical Science Group and CAPSIG reserve the right to omit or change presenters and/or presentations without prior notice to seminar attendees. Also note that the organisers may deny registration(s) in the unlikely event that the venue capacity is filled with prior registrants.

**RACI Group website:** [https://www.raci.org.au/RACI/Web/About-Us/branches/Copy\\_of\\_NSW\\_Pharmaceutical\\_Science\\_Group.aspx](https://www.raci.org.au/RACI/Web/About-Us/branches/Copy_of_NSW_Pharmaceutical_Science_Group.aspx)

**CAPSIG website:** <http://www.capsig.com.au/>

*Founded in 1917 as a Professional Society, the Royal Australian Chemical Institute (RACI) provides educational and other career beneficial service to its members, the chemistry and scientific sectors and the wider community.*

*CAPSIG is a special interest group affiliated to the Australian Society for Microbiology, fostering advancements in Cosmetic & Pharmaceutical Microbiology.*

## **Covid requirements**

This seminar is conducted under the current requirements of NSW Health and the venue, Ryde Eastwood Leagues Club.

*RELC reminds all members and guests that current restrictions and rules when entering the club include:*

- QR code check-ins are required whenever entering the club
- Masks will remain mandatory except whilst eating and drinking
- Capacity is limited to one person per 2sqm

<https://www.releagues.com.au/143>

### **Program content**

#### **Preservative Types and Formulation of products - John Staton**

- Types of preservatives and their mode of action
- Selection of preservatives/Use of 'natural' preservatives
- Preservative/preservative interactions and preservative/packaging interactions
- Formulation issues related to selection of preservatives
- Differences between cosmetic and pharmaceutical preservative requirements
- Traditional and current trends in the marketplace
- Case studies

#### **PET - Microbiological analysis, traditional and rapid techniques**

*Kerensa Low and Theoni Karadimas bioMérieux*

- Challenge test objectives
- Traditional methods
- Challenge test automation
- Data management tools

*Dr Megha Bajaj, bioMérieux*

- PET and pharmacopeial requirements
- Product category and test organisms
- Ready to use solution

#### **The Chemistry and Analysis of Preservatives – Dr Alan Doughty**

- Chemical degradation processes (as opposed to microbial) and the role of preservatives in prevention.
- Analytical methods for preservatives.
- Typical validation protocols for preservatives.
- What makes a compliant method validation study?
- What is a method adjustment and what is a modification?