

ADDRESSING MICROBIAL CONCERNS IN PHARMACEUTICAL WATER SYSTEMS

**JULY 14, 2020
NOON - 1:15 PM (PDT)**

RSVP: <http://atdevents.net/register.php>

KEY LEARNING OBJECTIVES

- Regulatory and internal quality control requirements for bacteria
- Microbial contamination risk areas
- Proper design, operation and sanitization of pharmaceutical water systems

SME SPEAKER

GARY ZOCCOLANTE

*President
Plymouth Rock Water Consultants*

Gary has over 45 years of experience in the design, operation and trouble-shooting of pharmaceutical water systems. He was Pharmaceutical Technical director for Evoqua Water Technologies for over 35 years. He has been involved in the development of equipment for pretreatment, reverse osmosis, deionization, ultrafiltration and distillation.



Recognized SME who contributed to
the ISPE Guidance for Water Systems

Complimentary Webinar for ISPE Members \$25 for Non-Members

Addressing Microbial Concerns in Pharmaceutical Water Systems

**Tuesday, July 14, 2020
Noon – 1:15PM**

Format:

GoToWebinar

Instructions to join will be emailed one day prior

Program Manager: Paul Crissman, Principal, Biotechnical Solutions

Moderator: Justin Cantor, Chief Strategy Officer, PSC Biotech

Speaker: Gary V. Zoccolante, President, Plymouth Rock Water Consultants

Synopsis:

Microbial contamination is a rising concern in the pharmaceutical industry, with significant risk to the quality and efficiency of the manufacturing process. When developing water system requirements and operating procedures, it is important to consider the product you are manufacturing, the relationship between materials of construction, potential for bacteria growth, operational parameters and sanitization procedures.

In this webinar, presented by industry expert Gary Zoccolante, learn about regulatory requirements for bacteria control, how to manage contamination risk and how to design and operate a water system for effective microbial control.

Key Learning Objectives:

- Regulatory and internal quality control requirements for bacteria
- Microbial contamination risk areas
- Proper design, operation and sanitization of pharmaceutical water systems

Thank You To Our Annual Sponsors

PLATINUM



PSC Biotech



GOLD



Murray Company
MECHANICAL CONTRACTORS



Pacific Rim Mechanical



CONSTRUCTION

SILVER



BioPharm
Engineered Systems
A Critical Process Systems Group Company

Addressing Microbial Concerns in Pharmaceutical Water Systems

Tuesday, July 14, 2020

About the Speaker



Gary V. Zoccolante is the President of Plymouth Rock Water Consultants. Gary has over 45 years of experience in the design, operation and trouble-shooting of pharmaceutical water systems. He was Pharmaceutical Technical director for Evoqua Water Technologies for over 35 years. He has been involved in the development of equipment for pretreatment, reverse osmosis, deionization, ultrafiltration and distillation.

He was a committee member of the original ISPE Baseline® Water and Steam Systems Guide, the Second Edition Guide and was a co-chairman of the recent Third Edition Guide. He has been part of the Guide Presentation Team on several occasions. He was involved in face-to-face meetings with FDA to help resolve many of the Guide principles. Gary is a member of the ISPE Critical Utilities Community of Practice Steering Committee. He has worked on the development of additional ISPE Good Practice Guides related to pharmaceutical water. He also developed the four-day ISPE Pharmaceutical Water course and has presented the course to hundreds of pharmaceutical industry personnel including those from the FDA.

Gary has authored and co-authored many papers on pharmaceutical water production and system operation and maintenance. He holds several patents for pharmaceutical water processes. He has previous experience as manager of engineering and manager of application engineering. He holds a BS degree in Mechanical Engineering from Northeastern University.



ISPE®

Greater Los Angeles
Area Chapter

Addressing Microbial Concerns in Pharmaceutical Water Systems Webinar
Tuesday, July 14, 2020

REGISTRATION FORM AND INSTRUCTIONS

To Register and Receive an immediate receipt, follow these instructions:

- 1) Click on the link below then log on using your username and password: <http://www.atdevents.net/register.php>
- 2) Click on the appropriate event. Here is where you can download the event flyer also.
- 3) Scroll through the list of registration options and find the one that applies to you.
- 4) Select the payment option of your choice and follow instructions to pay. Make sure to go through all of the steps until payment is confirmed. Since our site has to go to the merchant account site, there are a couple extra clicks involved.

ISPE California Chapter Members: If you are an ISPE Member in California, please do not set up a new account, as you should already be in our system (takes a few days after joining). You will need your username and password to log on.

How To Find Your ISPE Member Number or Update Your Account to a Member Account: To update your existing account to a Member account, or to add your new ISPE Member account to our website, please forward your confirmation email from ISPE or your ISPE Membership information to Rob Fleming (rob.fleming@yahoo.com). We need your Chapter name, your ISPE Member number and expiration date. To retrieve this information, log onto the ISPE website. Click on "Account" on the top right side, then "My Account". Your Membership information (not including your chapter affiliation) is on the left side. Please take a screen shot or make a pdf of the page, then email it along with the name of your chapter to Rob Fleming to update your profile on the atdevents.net site.

ISPE Members of Other Chapters: You will not be in our system unless you have previously set up an account. Please follow instructions for Non Members below then follow the instructions to update your account to a member account (see above).

Non Members: If you do not have an account, you can set one up on the site using letters (not numbers) as your username.

Fax Registrations: Fax your completed Registration Form with credit card payment to (949) 266-8461.

ISPE Greater Los Angeles Chapter, 5319 University Dr., Suite 641, Irvine, CA 92612. Tax ID#95-4452996.

Email Rob.Fleming@yahoo.com for Help with Online Registration, To Set up an account, Reset password, Obtain a receipt or to Cancel your Registration (email by July 7, 2020 for a refund)

_____ FREE ISPE Members

_____ \$25 Non-Members

If paying by credit card, please check type: ___ VISA ___ MASTERCARD ___ AMERICAN EXPRESS

Name on Card: _____ Signature: _____

Card #: _____ Expiration Date: _____

Please cut and paste your contact information here, or fill in the appropriate spaces:

FIRST/LAST NAME: _____

TITLE: _____ PHONE: _____

COMPANY: _____

E-MAIL: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____