

ULTRAPURE WATER® Pharma 2013

Embassy Suites Hotel, Lombard, IL (Chicago area)

June 11-12, 2013

Final Program

Co-moderators: Anthony Bevilacqua, Ph.D., METTLER-TOLEDO Thornton; and William V. Collentro, Water Consulting Specialists

Tuesday, June 11

Session 1: Microbial Control in Purified Water Systems

8:45 AM— Session Introduction

9:00 AM—Biofilm Control in Manufacturing/Water Systems

Mark Pasmore, Ph.D., Baxter

9:45 AM—Engineering Controls for Microbial Control in Pharmaceutical Water Systems

Mukesh Yadav and Remy Olabode, Genentech

10:30 AM—Coffee Break

10:45 AM— Updates on Compendial Sterile and Bulk Water Standards

Antonio Hernandez-Cardoso, United States Pharmacopeial Convention Inc.

11:30 AM—Ozone versus Heat Sanitization of Pure Water Distribution

Nik Krpan, Cheme' Engineering, Inc.

12:15 PM—Lunch Break

1:30 PM—Mitigating Biofilm with Ozone for Best Results

Erika Hanley-Onken, MKS Instruments

2:15 PM— Monitoring/Continued Verification of Pharmaceutical Water Systems

Walter Henkel, Concordia ValSource

3:00 PM—Coffee Break

3:15 PM—Procedural Application of Root Cause Analysis for Microbial Excursions

Roderick Freeman, Beckman Coulter

4:00 PM—Roundtable Discussion

5:30 PM--Reception

9:45 AM— Case Study: Lessons Learned from an In-Depth FDA Inspection

Roderick Freeman, Beckman Coulter

10:30 AM—Coffee Break

10:45 AM—Enhanced TOC Reduction in Pharmaceutical Ultrapure Water Systems using Highly Reflective UV Disinfection Reactors

Randy Cooper, Ph.D., NeoTech Aqua Solutions; John Wammes, Water Works Inc.

11:15 AM—New Calibration Methods for Conductivity Systems

John Groetsch, METTLER-TOLEDO Process Analytics

11:45 AM—Development of an Improved Pharmaceutical Cosmetic Plant Water System--

Chris Gallagher, Mar Cor

12:15 PM—Lunch Break

1:30 PM—The Efficacy of Ozone and Chemical Sanitization for Microbial Control

Nissan Cohen, Rohrback Cosasco Systems, Inc.

2:00 PM—Verifying Pharma UPW Excursions with an Automated TOC Sample Capture and Validation Method

Terry Stange, Ph.D., and Chris Crone, Hach ULTRA; and Slava Libman, Ph.D., Balazs Air Liquide

2:30 PM—TOC Measurement Improvements for Pharmaceutical Water Treatment Applications

Roger Schmid and Randy Turner, SWAN Analytical

3:00 PM—Improving WFI and CIP Process Control Using Dual Input Instrumentation

Chris Crone, Hach ULTRA

3:30 PM— Next Generation Design of High-Purity Water Systems for Pharma

Hugh Miranzadeh, GE Analytical Instruments

Wednesday, June 12:

Session 2: Control of Pharmaceutical Water Systems

8:30 AM—Trends and Developments in Pharmaceutical Water Markets

Robert McIlvaine, The McIlvaine Co.

9:15 AM—A Treatment System Based on Electrical Hardness Precipitation and UV Destruction

Shlomo Sackstein, Biopharmax Group

ULTRAPURE WATER®

-Pharma

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Lombard (Chicago), IL
June 11-12, 2013**

EXECUTIVE FORUM

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EXHIBITS

Tuesday: 9:00AM-7:00PM

Wednesday: 9:00AM-3:00PM

Free for all Conference Registrants

Special Offers

- Pharmaceutical Water Systems. \$115 by Dr. Theodore H. Meltzer, Hardcover book, 865 pages. Regular price \$145.
- Optimizing a High-Purity Water System by Paul Tan, 281 pages, hard cover. \$50. Regular price \$60.

Books ordered by April 8 will be delivered to conference for pick-up. Books ordered after this date will be shipped and charged accordingly.

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Registration

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Use the accompanying registration form in, or register online at: www.ultrapurewater.com/zencart. Please photocopy the form for additional registrations. To save time, simply return your completed form to:

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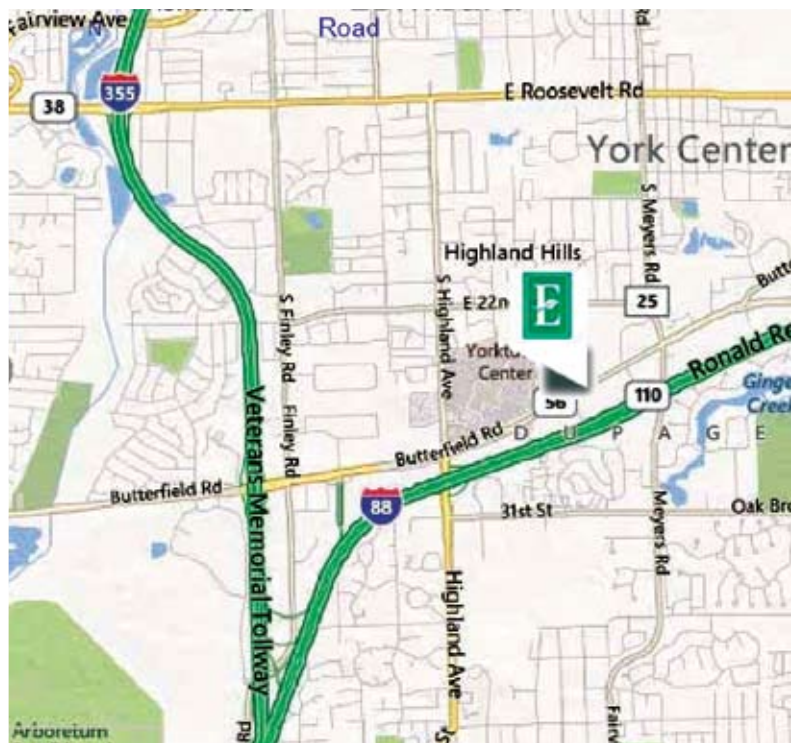
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Conference Location

All ULTRAPURE WATER—Pharma activities are held at the Embassy Suites—Lombard, IL (a suburb of Chicago). This hotel is in an ideal location being just 14 miles from Chicago O'Hare International airport, and from Chicago's Midway airport. It is located adjacent to I-88, a major interstate highway.



ULTRAPURE WATER--Pharma participants are offered a \$129/night room stay (plus taxes). Complimentary guestroom internet access, breakfast, and happy hour are available to all those staying at the hotel. There is ample free parking. Tel: 1-630-969-7500. Reserve on-line at www.hilton.com using ULT as the conference code.

On-Site Registration

You may register for the Forum at the Conference. However, we encourage you to register in advance to save time and to insure your seat availability.

Confirmation

All registrations will be confirmed by email. You must be registered for admission to any session. Pre-registered attendees must pick up their badges at the Registration Desk. **Badges will not be mailed.** Please pick up your badges at least 30 minutes before the start of your session.

Fees

Water Executive Forum: \$540 for 2-day program (\$300 for single day).

Tax Deduction

Conference expenses may be tax deductible. U.S. Treasury Regulation 1.1625 permits an income tax deduction for educational expenses (registration fees, cost of travel, meals, lodging), undertaken to maintain or improve skills required in one's employment, or to meet express requirements of an employer.

Photo Release

We occasionally use photographs of show participants in our promotional material. By virtue of your attendance, you automatically agree to usage of your likeness in such material.

Cancellations/refunds

Refunds cannot be granted on cancellations received after **June 5, 2013**. Cancellations prior to this date are allowed without penalty. There will be a \$30 processing fee on all refunds. If you need to change your plans to attend, you may transfer your registration to another person at any time without incurring any penalty.