



LIFE SCIENCES USERS GROUP

Involved with Regulatory Demands for Cleanrooms, Laboratory or Pharmaceutical Water?

Let leading experts help you navigate through compliance requirements and demonstrate best practices in GMP-regulated environments.

- Select from two NO-COST educational tracks
- Earn six GMP training credits*
- Enhance your understanding of regulatory requirements for GMP environments based on USP, EP, ISO, PIC/s, EMA & FDA guidance and standards
- Gain insights for efficient and cost-effective production and problem resolution

Who Should Attend?

GMP professionals, quality assurance and quality control managers, QC analysts, microbiologists, training and production managers interested in GMP compliance tools and techniques.

REGISTER NOW AT beckman.com/LSUG

SPRING 2016: Event Locations & Dates

May 3	Irvine, CA	DoubleTree Spectrum Hotel
May 5	Berkeley, CA	DoubleTree Hotel at Berkeley Marina
May 17	Malvern, PA	Sheraton Great Valley, Frazer, PA
May 19	Research Triangle Park, NC	DoubleTree Hotel, RTP Durham
May 24	Bloomington, MN	Embassy Suites Hotel, American Blvd West

PHARMACEUTICAL WATER SYSTEMS

8:30am-3:30pm

- USP <643> <645> Pharmacopeial water requirements for TOC
- Pharmaceutical grade water generation
- Justification process for QC automation
- UV Technologies—well-positioned for life science applications
- TOC monitoring for compendial compliance
- Applications for rapid water bioburden analysis
- Practical application of rapid methods to key microbial QC tests
- Lab and online role of TOC in CIP validation and verification

CLEANROOMS & ENVIRONMENTAL MONITORING

8:30am-3:30pm

- Optimize sampling of airborne particles
- Applications of aerosol-based instantaneous microbial detection systems
- Improving and Optimizing your Viable EM Program
- Trending and Tracking for EM Labs: Pitfalls and Perils
- Practical applications of rapid methods to key microbial QC tests
- Environmental monitoring doesn't end at detection—managing environmental isolates
- Best practices in QC microbiology process automation
- Regulatory Update—airborne particle counting, ISO 14644-1, Annex 1, FDA guidance, ISO 21501

*This event qualifies for six hours of GMP training credits. Certification issued upon course completion.



VELTEK ASSOCIATES, INC.

2016 Educational tracks brought to you in partnership with these leading industry experts.



Beckman Coulter Life Sciences is a global leader in research automation, flow cytometry, centrifugation, cellular analysis, genomics products and particle characterization. The company provides advanced tools for basic biological research and for quality control. Leading brands include HIAC™, MET ONE, and ANATEL.



Aquafine is the leading provider of innovative industrial fluid treatments using UV technology offering high-performance, eco-friendly products for today's most demanding UV applications including TOC reduction, chlorine and chloramines destruction as well as ozone destruction and disinfection.



Azbil BioVigilant is a leading developer of innovative technologies for rapid microbial monitoring methods (RMM) and the inventor of Instantaneous Microbial Detection.



BIOLOG is a world leader in cell-based phenotypic testing and assays. Biolog has focused effort on developing technologies and products to test the phenotypic properties of cells very simply and efficiently.



Evoqua Water Technologies produces water systems for pharmaceutical and life science manufacturing and research.



Lonza is a leading supplier to the pharmaceutical, biotech and specialty ingredients markets. A custom manufacturer and developer, the company also offers services and products ranging from active pharmaceutical ingredients and stem-cell therapies to drinking water sanitizers and microbial control solutions to combat dangerous viruses, bacteria and other pathogens.



Microbiologics offers the largest and most diverse line of ready-to-use quality control microorganisms for growth promotion testing, antimicrobial effectiveness testing and more. Custom Solutions, our isolate preservation service, delivers your environmental strains in a convenient, test-ready format.



Rapid Micro Biosystems provides innovative products for faster detection of microbial contamination in pharmaceutical, biotechnology and personal care product manufacturing. The company's Growth Direct™ system is the first and only automated system to address all key microbial QC applications and fits with current regulatory practices.



VELTEK ASSOCIATES, INC.

Veltek Associates designs innovative solutions to address the control of particulate and microbial contamination in pharmaceutical and biotechnology operations around the world.



Canceled or Rescheduled Events In the event of a cancellation, we will inform you as soon as possible via email, including event reschedule details, if applicable. Please check our website for the latest schedule updates: www.beckman.com/LSUG

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