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**thomas experts series**

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Date/Time	Presentation Title	Summary
MAY 04, 2023 2:00 PM ET	Compliance and Worker Safety in Clinical Pathology	<p>Worker safety is a critical component of compliance as well as sustaining a healthy and safe work environment. This became more evident than ever during the peak of the SARS-CoV-2 pandemic.</p> <p>There are many different standards, laws and guidelines that set the parameters for worker safety in clinical pathology. While there may be distinct differences among the various safety protocols, they all focus on optimal worker safety.</p> <p>This program centers around worker safety in clinical pathology settings, which includes using the proper PPE as well as understanding the regulatory compliance behind safety requirements. Several of the applicable standards and guidelines that will be discussed include OSHA, USP 800, CAP Standards, and CDC.</p>
MAY 11, 2023 2:00 PM ET	Blood Collection in Clinical Pathology	Learn about the challenges and improved techniques in blood collection of human and animal research with Sol M's new patented safety technology.
MAY 18, 2023 2:00 PM ET	Digital Pathology	The journey of going from visual to automated diagnosis.
JUNE 15, 2023 2:00 PM ET	Safety Features, Needles & Syringes/Med Delivery	The importance of Sol M safety feature solutions to prevent the serious risks associated with needlestick injuries.

JUNE 22, 2023 2:00 PM ET	Learn How to Minimize or Eliminate Exposures and Risks When Working with Hazardous Chemicals in Laboratory Environments	Each laboratory has their own unique characteristics in their workplace environment. The Occupational Health & Safety Administration (OSHA) adopted a generic standard entitled "Occupational Exposures to Hazardous Chemicals in Laboratories." The intent is to minimize or completely eliminate exposures and risks when working with hazardous chemicals in the lab. Brady will walk you through how to identify safety needs in your unique environment.
JUNE 29, 2023 2:00 PM ET	Chemical Fume Hoods: Applications for Exposure Control in the Lab	From basic chemistry to complex digestions, the right fume hood exists for every application. In this presentation we will discuss chemical fume hoods and how to identify the proper hood for customers specific needs. Knowing what questions to ask and where to go for help will simplify your process and ensure everyone is set up for success.
JULY 13, 2023 2:00 PM ET	Best Practices and Emerging Trends in Hands On Science Education	This session will highlight products and strategies that promote memorable student learning experiences.
JULY 20, 2023 2:00 PM ET	Being an Earth Friendly Lab: Easy as ABC with Labcon and ACT	Laboratory plastics are critical to scientific research, but these plastics often have a high environmental impact. Analysis shows that a large portion of this impact, in some cases nearly 60%, comes from the manufacturing process. You can dramatically improve the environmental footprint of your laboratory by choosing Labcon's Earth Friendly products, manufactured in the United States.
JULY 27, 2023 2:00 PM ET	The Importance of Laboratory Water	Uses and applications of water across various industries and why it's so critical.
AUGUST 10, 2023 2:00 PM ET	3D Cell Culture with Aspects for Automation	The growing push for 3D cell culture models is limited by technical challenges in handling, processing, and scalability to high-throughput applications. To meet these challenges, we use our platform, magnetic 3D bioprinting, in which cells are individually magnetized and assembled with magnetic forces. In magnetizing cells, not only do we make routine cell culture and experiments feasible and scalable, but we also gain fine spatial control in the formation of spheroids and more complex structures. This presentation will focus on recent developments using this platform, particularly in cancer biology and immunology.

AUGUST 17, 2023 2:00 PM ET	Excellence is Not Automatic: How Superior Automation Tips Are Made and Used	Automation pipet tips have performance, cleanliness and specification demands that exceed manual pipette tips. Labcon will present how creating high quality automation tips relies on molding techniques, dimensional control, lab testing, and volume analysis to ensure perfect performance.
AUGUST 24, 2023 2:00 PM ET	Getting the Most Out of Automation	Working with labs to make the most of their automation devices
SEPTEMBER 14, 2023 2:00 PM ET	Fighting for Food Safety: A Guide to Maximizing Agricultural and Food Safety Testing	Millions of people around the world are sickened or killed due to food or waterborne pathogens. The efficiency of sample processing, testing, analyst skill and reference materials all play a role in producing accurate results to ensure the safety and fitness of the world's food and water supplies. Most countries have regulations and limits for the safety of food and water for human consumption. In this webinar, we look at the impact of sample processing and testing on the true determination of food safety. We will examine the best practices for sample handling and guide attendees through the pitfalls which can detrimentally effect sample result accuracy.
SEPTEMBER 21, 2023 2:00 PM ET	Cannabinoid Analysis of Hemp Derived Products- Developing Methods that are Robust and Dependable	Due to the complexity of cannabis product matrices, sample preparation for cannabinoid testing is very challenging. Accurate extraction and analysis procedures are required to ensure correct labelling of cannabinoid content. In this talk, we will talk about simple and accurate sample preparation methods for analysis of cannabinoids in several matrices such as hemp bud, hemp oil, chocolate, gummy, candy, and cream.
SEPTEMBER 21, 2023 3:00 PM ET	MP Biomedicals Food Testing and Plant Research Solutions	MP Biomedicals food testing and plant research solutions using SafTest and FastPrep systems.
OCTOBER 05, 2023 2:00 PM ET	Biosafety Cabinets & Cell Therapy: Targeting R&D through Production	In this session we will help you gain an understanding of a Class II BSC's role in the rapidly growing cell and gene therapy market. We will cover key product concepts, application-specific requirements, and unique options for novel instruments used to process these unique therapies.
OCTOBER 12, 2023 2:00 PM ET	Medication Delivery in Cell Therapy	Discuss how there are various ways to collect cells for cell therapy and then go into how our blood collection items can be a part of that solution.

OCTOBER 19, 2023 2:00 PM ET	Cell Culture Microscopy in the Laboratory	Discuss ways to visualize cellular viability and fluorescence applications.
NOVEMBER 02, 2023 2:00 PM ET	Sample Preparation Solutions for Environmental and Agricultural Research	Sample preparation solutions for environmental and agricultural research using homogenizers and kits.
NOVEMBER 09, 2023 2:00 PM ET	Analytical Reagents for Best Practices in Environmental Testing	Environmental testing involves the analysis of various environmental samples, such as air, water, soil, and sediment, to identify and quantify the presence of pollutants, contaminants, and other substances that may pose a risk to human health and the environment. The accurate and reliable detection of these substances is critical for ensuring compliance with environmental regulations and protecting public health and the environment. There are three keys ways to ensure that you are using best practices and the best products in your labs.
NOVEMBER 16, 2023 2:00 PM ET	A Review of the Methods and Equipment Required for Performing Microbial Testing of Liquids	During this presentation we will look at the methods for performing microbial testing of liquids. We will review the equipment and discuss some troubleshooting of the more common issues when using the equipment.
DECEMBER 07, 2023 2:00 PM ET	Error Reduction Through Lab Labeling-Trends to Improve Productivity and Reduce Costs in Your Lab	We're witnessing advances in the way we diagnose, treat, and cure disease. Along with these advances come a rising tide of samples. Scientists in all kinds of labs are now facing the possibility and even the likelihood that their existing methods of identifying, tracking, and reporting on those samples may be insufficient to the task ahead. We will explore the rising tide of sample loss and the trends you can take to ensure best practices to limit sample disruptions.
DECEMBER 14, 2023 2:00 PM ET	Bench Strength: Pro Tips to Select the Right Products for Your Lab	Increase your knowledge of the attributes to look for when choosing laboratory supplies (and stretch your budget in the process).

JANUARY 19, 2024 3:30 PM ET	Understanding Your Needs to Design and Build a Custom Laboratory in 30 Days!	Our experienced team of furniture specialists, lab designers, and project managers at Laboratory builders are here to lead you through the completion of your fast track lab renovation, or new lab project. With clear and easy communication, in depth planning, extensive inventory of top-quality lab furniture, we are here to act as a full turnkey solution to help design and build your next lab!
FEBRUARY 9, 2024 3:30 PM ET	Utilizing Cooperative Contracts for Public Sector Purchasing	How public sector—state, local and educational (SLED) customers can utilize cooperative contracts to improve efficiency in the procurement process.
MARCH 1, 2024 3:30 PM ET	Navigating Cannabis Supply Chain Challenges from Seed to Sale	Thomas Scientific's Cannabis Specialists demonstrates how to leverage vendor consolidation ultimately saving you time & money in today's supply chain challenged climate.
MARCH 22, 2024 3:30 PM ET	Supporting Full Workflows for Cell & Gene Therapies	Cellular and gene-based therapeutic approaches are the future of medicine for many conditions. As the CGT field expands and deepens, the need for consistent and reliable partners becomes critical. We will review how Thomas Scientific can assist you in your efforts.
APRIL 12, 2024 3:30 PM ET	Transitioning Laboratory Equipment from Cell and Gene Therapy Research and Development to GMP Compliance	As you transition your discovery through research and development to commercial production in a GMP setting, your goal is to speed that process by minimizing variables. Laboratory equipment plays a key role in that process and should offer proven solutions. In this talk, you will learn: What is GMP work and how does it differs from basic research and development; How can laboratory equipment ease this transition; What are the five criteria to evaluate in selecting lab equipment for transitioning to GMP compliance.
APRIL 26, 2024 3:30 PM ET	The Impact of Annex 1 and Your Contamination Control Strategy	This presentation will cover the purpose of the Annex 1 update, scope, principles, regulatory expectations, what's next and solutions to help ensure readiness.

MAY 3, 2024 3:30 PM ET	Certified, Sustainable and Safe Ductless Air Filtration Solutions	Creating a lab with Ductless Air Filtration Solutions that provides certified, sustainable, safety wherever your science takes you.
MAY 17, 2024 3:30 PM ET	PCR for 35% Less-Now!	Introducing the full Thomas Brand PCR Workflow, from highly technical equipment to consumables and chemicals for less with delivery now.
JUNE 7, 2024 3:30 PM ET	Innovative Technologies for Creating 3D Cellular Models	Over the past decade, there has been increasing interest in more predictive model systems for disease and development. 3D cell culture models can serve both purposes, but can present challenges in consistency. In this session, you will learn about technologies from Corning to ensure consistency in 3D models.
JUNE 21, 2024 3:30 PM ET	Increase Efficiency with Automated Magbead Extraction	Automated Magbead Extraction accelerates your DNA Library Preparation. Gilson Pipetmax uses robotic scripts developed using PIPETMAX for NGS.
JULY 19, 2024 3:30 PM ET	Reduce Risks & Achieve Your Goals Using 2D Coded Sample Storage Consumables	Many users in the area of sample storage work with the familiar cryotubes in 81 or 100 format. As a rule, the existing volume of the tubes is not used optimally. This circumstance leads to a waste of storage capacity. The SBS sample archiving system from LVL solves this problem and has numerous features that help to ensure not only the integrity of the sample, but also the transfer of information that is essential for the clear assignment between container and sample. We all agree that its time for greenthinking instead of greenwashing and based on that LVLs new 100% recycled rack series will be introduced. In addition to shared experiences and physical background, an innovative laser marking system is being introduced that ensures long-lasting and robust marking of the tubes, while saving working hours of routine work that instead can be invested in productive activities.
JULY 25, 2024 10:00 AM ET	Consolidated One-Stop Shopping Internationally with Thomas!	For over 40 years Thomas Scientific's dedicated international export experts have made global sourcing easy to support all your scientific needs. Whether based internationally or a company with a global footprint, Thomas Scientific provides individualized customer service, innovative scientific equipment, and a comprehensive portfolio offering a wide selection of product listings at a great price.
AUGUST 16, 2024 3:30 PM ET	Education & Beyond-Stockroom Management 101: Best Practices / Do's and Dont's	Properly managing a stockroom is vital to the success of the research on your campus. The ever changing nature of technology coupled with volatile supply chains have impacted how stockrooms operate. This webinar will highlight the major changes in stockroom management and best practices from a survey of multiple stockrooms at major research institutions.

AUGUST 23, 2024 3:30 PM ET	Advancing Biosafety Cabinet Technology: Innovative Solutions for Enhanced Functionality "	Join us to discuss the latest advancements in biosafety cabinet technology, enhancing safety, boosting efficiency, and improving user comfort.
SEPT 13, 2024 3:30 PM ET	Maximize Pipette Recycling - Exploring pipette tip recycling in the lab	Explore sustainable practices in the laboratory by discussing the benefits and best practices associated with pipette tip recycling, aiming to reduce environmental impact and promote responsible laboratory waste management.