microrite

Hands-On Fungal Identification Workshop

An Intensive & Interactive 3 Day Laboratory Workshop

April 6-8, 2020

St. Joseph, MO

"A thorough understanding of mold is key to mitigating mold contamination!"
- Ziva Abraham

Learn Fungal Identification the correct way by understanding classification and exploring macroscopic as well as microscopic features which differentiate each genus and species. Using simple identification keys developed by Microrite, learn to identify important cleanroom isolates.

This hands-on workshop will allow you to examine up to 30 commonly encountered cleanroom fungi. You will also learn about the various phases of the same fungus often not caught in automated microbial identification reports.

Since fungi isolated from cleanrooms may originate from various sources it is important to identify these fungi to pinpoint the contamination sources. You can use the knowledge gained in this hands-on workshop to evaluate the condition of your clean facility and identify risk to your product.

Attendees will learn how to reduce the number of incorrect IDs by understanding the polyphasic approach to fungal identification. Additionally, examining morphology and the structures of cleanroom fungal isolates helps in understanding the efficacy of disinfectants against hard to kill fungi.

Which industries does this workshop apply to?

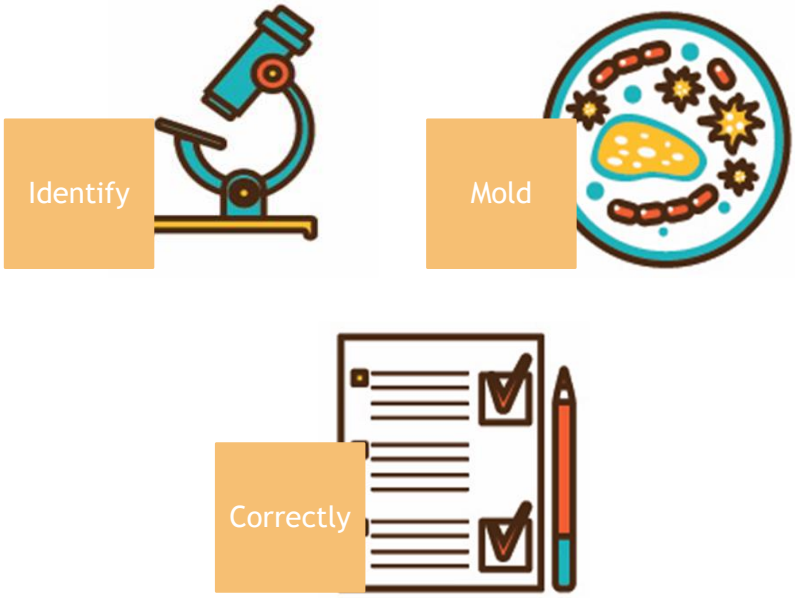
Pharmaceuticals, Biotechnology, Medical Device, In Vitro Diagnostics, Food, Beverage, and Pharmacies

Who will benefit?

Quality Assurance, QC Microbiologists, and Training Personnel

Event Overview

- Basic classification methods for fungi
- Clinical relevance of different fungi
- Common sources of fungi found in cleanrooms
- Common errors in fungal identification
- Correct use of reference materials
- Phenotypic and genotypic automated fungal identification systems
- Pitfalls in both microscopic examination and automated methods
- Use of stereo and compound microscopy techniques for fungal identification
- Understanding anamorphic and teleomorphic stages of fungi
- Practice fungal identification using approximately 27-30 common and uncommon fungal isolates encountered in environmental monitoring, using various texts and live cultures
- Make your own slides and learn how to identify fungi to species level from an experienced mycologist
- Understand disinfection and remediation challenges with some cleanroom fungi by learning about the protective structures of these isolates



April 6-8, 2020	Innovation Stockyard At the Kit Bond Incubator 4221 Mitchell Avenue St. Joseph, MO 64507 816.749.4012
Day 1 Agenda	
Registration and Breakfast	8.00 AM to 8.30 AM
Lecture - Importance of Identifying Fungal Isolates from Cleanrooms	8.30 AM to 12.00 PM
Lunch	12.00 PM to 1.00 PM
Lecture - Microscopy Skills	1.00 PM to 2.00 PM
Hands On Fungal identification	2.00 PM to 4.30 PM
Day 2 Agenda	
Breakfast	8.00 AM to 8.30 AM
Discussion on Day 1 Identification Issues	8.30 AM to 9.00 AM
Hands On Fungal Identification	9.00 AM to 12.00 PM
Lunch	12.00 PM to 1.00 PM
Hands On Fungal Identification	1.00 PM to 4.00 PM
Wrap Up-Questions and Answers	4.00 PM to 4.30 PM
Day 3 Agenda	
Breakfast	8.00 AM to 8.30 AM
Discussion on Day 2 Identification Issues	8.30 AM to 9.00 AM
Hands On Fungal Identification	9.00 AM to 12.00 PM
Lunch	12.00 PM to 1.00 PM
Hands On Fungal Identification	1.00 PM to 4.00 PM
Wrap Up-Questions and Answers	4.00 PM to 4.30 PM

Hotel Recommendations:
Microrite does not have a room block at any hotel. Please choose what you feel comfortable with.

Stoney Creek Inn & Conference Center
1201 North Woodbine Road, St. Joseph, MO 64506
(816) 901-9600
stoneycreekinn.com

Drury Inn and Suites
4213 Frederick Ave, St Joseph, MO 64506
(816) 364-4700
druryhotels.com

Airport:
Kansas City Airport (MCI). The drive to St Joseph is a 35 Minutes.

Registration Information

Personal Information of One Registrant	
Last Name:	First Name:
Job Title:	Organization:
Mailing Address:	
Telephone:	
Email:	
Fee: $2750.00 per attendee **(Includes 3 day workshop fee, breakfast, lunch, break, and course material)**	

Additional Attendees		
First Name:	**Last Name:**	**Title:**
First Name:	**Last Name:**	**Title:**
First Name:	**Last Name:**	**Title:**
First Name:	**Last Name:**	**Title:**

Method of Payment: Credit Card and Check payments only. Attendees can register and make payments on Microrite's website-www.microrite.com or complete this form and fax to 408-445-1236. Check payments must be cleared before the workshop date. If you have any questions regarding payment methods feel free to contact Microrite at 408-445-0507 or send your enquiry to labraham@microrite.com**.**

For credit card payment on website, a payment receipt will be considered as confirmation of registration. For credit card information faxed to Microrite an email confirmation will be sent with a copy of payment receipt. Please call 408-445-0507 in due time if confirmation is not received after payment.

Cancellation must be received 15 business days prior to the workshop less a 10% service fee, cancellation requests will be accepted via email only. service fee,

Payment Information

Choose One (Place X) ►	___ **VISA**	___ **Master Card**	___ **American Express**
Card Holder's Name ►			
Address of Card Holder:	**Enter firm address for corporate card or personal address for personal card**		
Street:			
City/State:			
Zip Code:			
Country:			
Contact Ph No & Email:			
Card Number:			
Expiration(Month/Year):			
Amount (US Dollars):			
Signature:			
Name of Attendee(s)			
Referred by:	Kindly note the name of the company or person that referred you to this workshop. We would like to thank them.		

Speaker Overview

Ziva Abraham is the President and Founder of Microrite, Inc., a California based consulting firm providing consulting and training services to pharmaceuticals, biotechnology, medical devices and in vitro diagnostics in the areas of quality assurance, quality control, microbiology, and validation.

Ziva has over 25 years of academic, research, clinical and industrial experience in microbiology, and quality assurance. Ziva has received her Master's Degree in microbiology with a focus on Mycology and has conducted research on developing microbial Insecticides using entomogenous bacteria and fungi for her PhD degree. Her career also includes founding and managing clinical laboratories for Maccabi Medical in Israel. She has trained personnel from various industries in microbiology techniques and methods. She uses her extensive experience to teach why assessing risk of microbial contamination should be in the forefront of any company that has products for human/veterinary use. Her experience in clinical laboratories has provided her with the framework to understand the effects of microbial contamination in products from a patient.

Ziva Abraham

CEO

Microrite, Inc.

Company

Microrite's goal is to provide practical solutions through consulting and training

Consulting Services

Microrite is a San Jose, CA based Consulting Company helping Pharmaceuticals, Biotechnology, Medical Devices, In-Vitro Diagnostics and Combination products in the areas of Quality Assurance, Microbiology, Process Development, Process Validation, Facility and Utility Validation.

Visit www.microrite.com to learn more about us