

# microrite, inc.

Practical Series Seminars and Workshops

**Learn Fungal Identification at a Laboratory with a large collection of environmental fungal isolates. Using hands on macroscopic and microscopic morphology identify important cleanroom isolates using the simple identification keys put together by Microrite.**

## Workshop- Advanced Course in Identification of Fungi

**Who should attend:** Quality Control Microbiology Personnel Only

Fungi isolated from a clean facility may come from various sources. Use the knowledge gained in this workshop to evaluate the condition of your clean facility and risk to your product.

This hands-on workshop will allow you to examine the commonly encountered fungi in cleanrooms. You will have the opportunity to learn the macroscopic morphology and the microscopic characteristic features using the easy identification scheme learned in this workshop.

The venue for this workshop, Aemtek, Inc. is a Fungal Identification Laboratory that identifies indoor and environmental micro and macro fungi and has a large collection of cultures.

This is an excellent opportunity to get exposed to the myriad species and stages of environmental fungi.

- Basic classification methods for fungi to evaluate the risk to product
- Learn about the common sources of fungi found in cleanrooms
- Step by step identification by macroscopic and microscopic examination
- Learn about the common errors in fungal identification
- Correct use of reference materials
- Discussion on automation for fungal identification
- Learn about the pitfalls in both microscopic examination and automated methods
- Discussion on fungi commonly found in cleanrooms, their source and the risk they pose to your product
- Microscopy techniques for Fungal Identification
- Importance of knowing anamorphs and teleomorphs
- Practice fungal identification using approximately 25 common and uncommon fungal isolates encountered in environmental monitoring, using various text and live cultures.
- Make your own slides and learn how to identify fungi to species level from mycologists who identify these fungi on a daily basis

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## ABOUT THE VENUE

**Aemtek, Inc.** is a high quality, accredited laboratory specializing in water, food, environmental and pharmaceutical microbiology. The laboratory is staffed with PhD mycologists and microbiologists with many years of practical experience. Aemtek takes pride in providing most accurate analysis possible while responding to clients' microbial identification needs and timelines. Aemtek's laboratory facility and culture collection which includes all the common mold found in pharmaceutical cleanrooms makes it an excellent facility for Microrite's Fungal Identification Training .

## ABOUT THE FOUNDER OF AEMTEK

**Dr. Florence Wu** is the president of Aemtek, Inc., an environmental laboratory founded in 2002. Based in California's San Francisco Bay Area, Aemtek provides analytical services to environmental, food, and pharmaceutical industries.

**Dr. Wu** has over twenty years of academic training and work experience in mycology, including mycological analysis, microbiology testing and consultation, laboratory management and scientific research. She holds a PhD in mycology from the University of Tennessee and a Master of Science in Microbiology from the Chinese Academy of Sciences (CAS), Institute of Microbiology. She had held positions such as a Laboratory Director, an Adjunct Professor, a Mycology Collections Manager, and a Research Scientist before she founded Aemtek. She has published many scientific papers and given lectures on various subjects of environmental microbiology. Dr. Wu is an active member of several professional organizations

## ABOUT THE PRESENTERS

**Ziva Abraham** has over 25 years of academic, research, clinical and industrial experience in Microbiology, and Quality Assurance. She has trained personnel from various industries in microbiology techniques and methods. Ziva has received her Master's Degree in Microbiology and has conducted research on developing Microbial Insecticides during her graduate studies working mainly with fungi. She has established clinical laboratory systems in Israel, and Microrite, Inc. a consulting company based in San Jose, CA that helps Pharmaceutical, Medical Device, and Biotechnology Companies. Microrite focuses on helping companies with contamination control, microbiological quality control for sterile and non-sterile manufacturing, and Quality Assurance. Ziva has also developed "BACTISPELL" a microbiology spellchecker to spell check genus and species names of microbes and other microbiology related terms. She is a member of PDA, ISPE, AAMI, and PMF and is an active mentor for graduate students at Stanford University working through the American Woman in Science Organization (AWIS). She is involved in Expanding Your Horizons a program through the Math and Scientific Network to educate young girls about careers in science. Ziva served on the editorial board of Pharmaceutical Microbiology Forum (PMF) Newsletter.

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**SCHEDULE AND VENUE**

**September 24, 25, and 26, 2008**

**Aemtek, Inc.**  
**46309 Warm Springs Blvd.**  
**Fremont, CA 94539**

**PROGRAM**

|                                                                                      |                     |
|--------------------------------------------------------------------------------------|---------------------|
| <b>September 24, 2008</b>                                                            | 8.00 AM to 8.30 AM  |
| Registration and Light Breakfast                                                     |                     |
| Lecture - Importance of Identifying Fungal Isolates from Cleanrooms<br>–Ziva Abraham | 8.30 AM to 12.00 PM |
| Luncheon                                                                             | 12.00 PM to 1.00 PM |
| Lecture - Microscopy Skills                                                          | 1.00 PM to 2.00 PM  |
| Hands On Fungal identification -Ziva Abraham                                         | 2.00 PM to 4.30 PM  |
| <b>September 25, 2008</b>                                                            | 8.00 AM to 8.30 AM  |
| Light Breakfast                                                                      |                     |
| Discussion on Day 1 Identification Issues                                            | 8.30 AM to 9.00 AM  |
| Hands On Fungal Identification –Ziva Abraham                                         | 9.00 AM to 12.00 PM |
| Luncheon                                                                             | 12.00 PM to 1.00 PM |
| Hands On Fungal Identification-Ziva Abraham                                          | 1.00 PM to 4.00 PM  |
| Wrap Up-Questions and Answers                                                        | 4.00 PM to 4.30 PM  |
| <b>September 26, 2008</b>                                                            | 8.00 AM to 8.30 AM  |
| Light Breakfast                                                                      |                     |
| Discussion on Day 2 Identification Issues                                            | 8.30 AM to 9.00 AM  |
| Hands On Fungal identification –Ziva Abraham                                         | 9.00 AM to 12.00 PM |
| Luncheon                                                                             | 12.00 PM to 1.00 PM |
| Hands On Fungal identification –Ziva Abraham                                         | 1.00 PM to 4.00 PM  |
| Wrap Up-Questions and Answers                                                        | 4.00 PM to 4.30 PM  |

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## REGISTRATION FORM

**Personal Information**

Last Name: Mr. Ms. Dr. First Name: \_\_\_\_\_  
 Title: \_\_\_\_\_ Organization: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 Telephone: (Area Code) \_\_\_\_\_  
 Facsimile: (Area Code) \_\_\_\_\_  
 Email: \_\_\_\_\_

**Fees: 3 Full Day Workshop: \$2600.00 (US)**

| <b>Additional Attendees:</b> |  |            |  |
|------------------------------|--|------------|--|
| Last Name:                   |  | Last Name: |  |
| First Name                   |  | First Name |  |
| Title:                       |  | Title:     |  |
| Email                        |  | Email      |  |
| Phone                        |  | Phone      |  |

**Method of Payment:**      **Checks payable to:**  
**Checks, Credit Card**      **Microrite, Inc.**  
**and Purchase Order**      **5019, New Trier Avenue**  
**Fax: 408-445-1236**      **San Jose, CA 95136**

Full payment must accompany registration form. Registrations received without payment will not be processed. Confirmation of registration will be sent via email.

**Venue**

**Aemtek, Inc.**  
 46309 Warm Springs Blvd.  
 Fremont, CA 94539  
**Aemtek's Phone #: 510-979-1979**

**Cancellation notice should be faxed or emailed 15 days before the workshop.**

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## Driving Directions from San Jose International Airport to Aemtek, Inc.

Total miles from San Jose International Airport-10.9 mi

Travel time-15 min

Depart **Airport Blvd** 0.4 mi

Keep **left** to stay on **Airport Blvd** 0.6 mi

Turn **right** onto **Airport Pkwy** 0.5 mi

Keep **straight** onto **E Brokaw Rd** 1.2 mi

Take ramp **right** for **I-880 / Nimitz Fwy North** toward **Oakland** 7.1 mi

Take ramp **right** for **SR-262 East / Mission Blvd** toward **Sacramento** 1.0 mi

Turn **left** onto **Warm Springs Blvd.**

## Hotels in the Area

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Fremont Marriott</b><br/>           46100 Landing Parkway<br/>           Fremont, California 94538<br/>           Phone: 1-510-413-3700<br/>           0.9 miles from lab<br/>           \$199.00 for standard room \$249.00 for suite<br/>           No shuttle from airport-or from hotel to lab. available</p> | <p><b>Hyatt Place Fremont/Silicon Valley</b><br/>           3101 West Warren Avenue<br/>           Fremont, CA 94538, USA<br/>           Phone: 510 623 6000<br/>           0.8 miles from lab<br/>           \$151.00 for standard room<br/>           No shuttle from airport- to hotel<br/>           Free shuttle from hotel to Aemtek available</p>               |
| <p><b>La Quinta Inn &amp; Suites Fremont</b><br/>           0.8 miles from lab<br/>           \$114.00 for standard room \$149.00 for suite<br/>           46200 Landing Pkwy, Fremont, CA 94538<br/>           (510) 445-0808<br/>           No shuttle from airport-or from hotel to lab. available</p>               | <p><b>Extended Stay America Fremont</b><br/>           46312 Mission Blvd, Fremont, CA 94539<br/>           (510) 979-1222<br/>           0.3 miles from lab<br/>           \$74.99-84.99 for standard rooms<br/>           No shuttle from airport-or from hotel to lab available</p>                                                                                 |
| <p><b>Holiday Inn Express-Fremont</b><br/>           47031 Kato Rd, Fremont, CA 94538<br/>           (510) 490-2900<br/>           0.5 miles from Aemtek<br/>           \$113.75-127.40 for standard rooms<br/>           Walking distance to Aemtek<br/>           No shuttle from airport- to hotel</p>               | <p><b>Days Inn Fremont</b><br/>           46101 Warm Spring Blvd<br/>           I-680/I-880/Warm Springs Blvd<br/>           Fremont, CA, 94539<br/>           Phone: 510-656-2800<br/>           0.5 miles from Aemtek<br/>           \$74.99-89.99 for standard rooms<br/>           Walking distance to Aemtek<br/>           No shuttle from airport- to hotel</p> |
| <p><b>Bart Station for train to San Francisco is 8 miles from Aemtek</b><br/> <b>Train ride to San Francisco is approximately one hour</b></p>                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                        |



Business Name:

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**Credit Card Information**

Choose one:

VISA

Master card

American Express

Card Holder's Name

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Address

Please note Company Address if it is a Corporate Card and Personal

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Street

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City, Zip Code, Country

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Contact Phone Number

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Card Number:

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Expiration(Month/Year):

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Name on Card:

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Amount:

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Signature:

---

Attendee Name:

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City of Seminar/Workshop

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