

Diagnostic Medical Parasitology Update

Thursday, April 9, 2015
8 a.m. - 5 p.m.

Check-in begins at 7:00 a.m.

State Hygienic Laboratory
University of Iowa Research Park
2490 Crosspark Road
Coralville, Iowa 52241

Program Description

The program will provide updated information on ordering, specimen collection (including the new, patented, single vial transport fixative—Total-fix®), processing, testing, and reporting (including key report comments). Key recommendations regarding the O&P examination, fecal immunoassays, and special stains for the coccidia and microsporidia will be covered with appropriate test menu options. Organism morphology, including name changes and clinical relevance will also be included for the protozoa, helminths, and blood parasites. A practical approach to testing will be emphasized. The program will also provide up-dated information on diagnostic medical parasitology for blood parasites. Key risk management issues regarding mishandling/misdiagnosis of these infections will be covered. Organism morphology, potential errors in diagnosis, pathogenesis, and clinical relevance will also be included for the five species of human malaria (*Plasmodium vivax*, *P. ovale*, *P. falciparum*, *P. malariae*, and the fifth human malaria *P. knowlesi*). Information related to blood parasite infections being seen in Afghanistan and Iraq will also be discussed, as will the spread of certain blood parasites within the United States. A practical approach to testing will be emphasized. An extensive handout will be provided to each participant.

Audience

This workshop is intended for personnel and students in the clinical microbiology laboratory.

Objectives

The program will provide participants with information that will allow them to:

- Discuss STAT vs routine Parasitology methods, O&P vs Fecal Immunoassays
- Discuss the pros and cons of routine vs emerging methodologies for protozoa, helminths, and blood parasites.
- Review morphology, epidemiology, pathogenicity, ID of key protozoa, helminths and blood parasites.
- Describe the risk management aspects of STAT testing recommendations, particularly when related to blood specimens
- Discuss relevant issues related to reporting options and the use of report comments

About the Speaker

Lynne S. Garcia, MS, CLS(NCA), MT(ASCP), F(AAM)
LSG Associates, Santa Monica, CA

Seminars and Workshops

Over 350 presentations (International, National, Local) Technical and Management

Publications

Publications (175) (peer reviewed publications, book chapters, poster presentations, ASCP Check Samples; Author of Diagnostic Medical Parasitology (5th Edition, 2007, ASM Press), Author of Practical Guide to Diagnostic Parasitology, (2007, ASM Press); Editor in Chief of Clinical Laboratory Management in the 21st Century (2004, ASM Press).

Editorial Boards

Two Journals (CMR, JCM), Senior Editor of Clinical Microbiology Reviews for 9 journals; Editor in Chief, Clinical Microbiology Procedures Handbook, ASM Press.

Sponsors

Sponsored by Medical Chemical Corporation

Tuition • CEUs

The cost of the course is \$40 and 8 continuing education contact hours will be offered at the conclusion of this workshop. MCC is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E Program.

Location • Schedule

State Hygienic Laboratory (in the Center for the Advancement of Laboratory Science)
University of Iowa Research Park
2490 Crosspark Road
Coralville, Iowa 52241-4721
Phone: 319-335-4500
Toll-free: 1-800-421-IOWA(4692)

Check-in begins at 7:00 a.m. with course beginning at 8:00 a.m. Course consists of 8 hours of instruction separated by a one-hour lunch break. Mid-morning and afternoon snacks will be provided. Lunch will be on your own. There is a variety of restaurants near the State Hygienic Lab.

Area Hotels

AmericInn Coralville
2597 Holiday Road, Coralville
(319) 625-2400
0.8 miles from the lab

Holiday Inn Express & Suites Coralville
970 25th Avenue, Coralville
(319) 625-5000
2.1 miles from the lab

Homewood Suites by Hilton Coralville - Iowa River Landing
921 East 2nd Avenue, Coralville
(319) 338-3410
4.5 miles from the lab

Coralville Marriott Hotel & Conference Center
300 East 9th Street, Coralville
(319) 688-4000
4.6 miles from the lab

Registration Form

Please print, complete and mail this form with payment (\$40) to attend MCC's Diagnostic Medical Parasitology Update.

Space is limited to 50 attendees so please register **as soon as possible**. In order for space to be held, this form and payment must be received **before 5:00 p.m. CST Friday, March 27, 2015**.

Name: _____

Employer/School: _____

Address: _____

City: _____ State _____ Zip: _____

Daytime Phone: _____

E-mail: _____

Completed forms and \$40 payment (checks may be made out to **State Hygienic Laboratory**) should be mailed to:

Rick Bonar
State Hygienic Laboratory
University of Iowa Research Park
2490 Crosspark Road
Coralville, Iowa 52241-4721

For more information about this program please contact:

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drew-fayram@uiowa.edu
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