



**MEDICAL CHEMICAL
CORPORATION**

EXTENDS AN
INVITATION TO A
COMPLIMENTARY
**DIAGNOSTIC
MEDICAL
PARASITOLOGY
Update - 2021**

**Friday, October 15, 2021
8:00am to 5:00pm**

**FEATURED SPEAKER
LYNNE S. GARCIA
MS, CLS, MT,
F(AAM)**

**Hilton Garden Inn
2023 Commerce Way
Bozeman, MT 59715
406-582-9900**

**MEDICAL CHEMICAL
CORPORATION / MARK PERRY**
11 Voyager Lane
Bozeman, MT 59718
Address Correction Required

REGISTRATION INFORMATION

Please complete and return this form 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 **must be returned or emailed by October 1, 2021**

Name _____

Employer _____

Home Address _____

City _____ State _____ Zip _____

Day Phone _____

Email _____

Montana ASCLS Member? Yes No

Please send form **NO LATER than October 1, 2021**

**Mark Perry/ MCC
11 Voyager Lane
Bozeman, MT 59718**

OR

Email your registration request to attend
to:
Mark Perry
markperry@med-chem.com
Mobile :406-600-1554

Seminar Information

Course consists of 7 hours of instruction separated by a one-hour lunch break.

**Hilton Garden Inn
2023 Commerce Way
Bozeman, MT 59715**

**You may reserve rooms by calling
406-582-9900**

DATE & TIME

Friday, October 15, 2021; 8:00am to 5:00 pm

Continuing Education

Montana ASCLS

Seven (7) continuing education contact hours will be offered at the conclusion of this workshop for attendees by Montana ASCLS approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E Program..

Tuition: Complimentary (Free)

Continental Breakfast, break snacks, lunch, and handouts provided by MCC.

Workshop

Diagnostic Medical Parasitology Update-2021

Description

The program will provide updated information on ordering, specimen collection (including the new Universal Fixatives), processing, testing, and reporting (including key report comments). Key recommendations regarding the O&P examination, fecal immunoassays, molecular options (including automated systems), 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.

Objectives

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

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

Audience

This workshop is intended for personnel in the clinical microbiology laboratory

Level of Instruction

Intermediate

TIME

Full day (7 CEUs)

Speaker

**LYNNE S. GARCIA, MS, CLS(NCA),
MT(ASCP), F(AAM)**

Current

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* (6th^h Edition, 2016 ASM Press), Author of *Practical Guide to Diagnostic Parasitology*, 2nd ed. (2009, ASM Press); Editor in Chief of *Clinical Laboratory Management in the 21st Century*, 2nd ed. (2014, ASM Press).

Editorial Boards

Two Journals (CMR, JCM), Senior Editor of Clinical Microbiology Reviews for 9 journals; Editor in Chief, Clinical Microbiology Procedures Handbook, 3rd ed., 2010, ASM Press.