



Cornell University
College of Veterinary Medicine

CE OPPORTUNITY April 4-6, 2018

Assessing Udder Health Opportunities: Bugs and Treatment

Aim: -Learn the latest on the major mastitis causing organisms—etiology, prevention and treatment
-Learn mastitis laboratory techniques—plating of milk samples and identification of mastitis causing organisms at 24 - 48 hours

Course size: 25 **Course length:** 3 days (20 hours – classroom time) **Fee:** \$650

New York CE and RACE approved

Level: Intermediate to advanced.

Intended audience: dairy producers, milk quality consultants, mastitis laboratory technicians, milk inspectors, veterinary technicians and veterinarians

Content: Learn about the major mastitis causing organisms (*Staphylococcus aureus*, *Streptococcus agalactiae*, *Mycoplasma spp*, *E. coli*, *Klebsiella*, *Streptococcus species*, *Staphylococcus species*, *Prototheca* and Yeast). Discuss contagious and environmental transmission, etiology, prevention, treatment and laboratory identification techniques for each organism.

Collect aseptic milk samples, plate samples for aerobic culture and follow a flowchart used as a diagnostic tool for aerobic identification of intramammary infections.

Present quality assurance methods utilized within the QMPS laboratories. Present the QMPS proficiency program for the aerobic identification of intramammary infections.

Discuss culture results entry and data analysis with dairy herd management software

Information and Registration:

<http://dairy.cornell.edu/extension/udder-health/>

Quality Milk Production Services

Animal Health Diagnostic Center

240 Farrier Rd.

Ithaca, New York 14853

585.786.2555 or 607.255.8202

email: rdw32@cornell.edu

Course location: Vet Teaching Dairy - 225 Tulip Tree Road Ithaca, NY 14853



<https://ahdc.vet.cornell.edu/sects/>