



NORMAN SHARPLES

Executive Director
Giant Sequoia Marketing, Inc.



NATHAN LEDEBOER, PHD

Department of Pathology
Medical College of Wisconsin
Associate Chief Medical
Laboratory Officer
Froedtert Health

Microbiology in Full Color – Bedazzled by the Latest Innovation in Chromogenic Medium for Clinical Microbiology

This presentation embarks on a journey through the evolution of chromogenic media, offering a concise history leading to its current state. Delving into the cutting-edge developments, it explores how chromogenic media revolutionizes the detection and differentiation of challenging microorganisms. The session also unravels the contemporary applications of chromogenic media, shedding light on its role in expediting routine workflows and significantly reducing the time to obtain crucial results in clinical microbiology. Upon completion of this program, you will be able to:

- Understand the concept of how chromogenic media works.
- Summarize the latest innovations in chromogenic media for detecting and differentiating challenging microorganisms, including MDROs, *Streptococcus spp.*, *Candida auris*, *Acinetobacter spp.* and *Burkholderia cepacia* complex.
- Explain the synergy between chromogenic media and AI in conjunction with automated platforms for specimen processing.
- Discuss how these technologies work together to enhance efficiency and accuracy in microbiological analysis.

From CRE to CRAB, Changes in Hospital Epidemiology and the Needs for Screening

- Explore the current trends in hospital epidemiology for *Candida auris* and Carbapenem-resistance *Acinetobacter baumannii*
- Discuss the challenges in screening for *Candida auris*
- Discuss the current approaches to identification of CRAB carriers and explore how screening can be improved



WED MAR 20 RM: Johnson
Exhibitor Seminar: 8:00am-10:0am

Contact Hours: 1.5hrs
Level: Basic-Intermediate