



# Indiana Fall Meeting

**Date, time:** *23 Sep 2022, 8:30 AM - 3:30 PM* Eastern Time (US & Canada)

**Location:** Miravista Diagnostics, 4705 Decatur Blvd, *Indianapolis, IN* 46241  
[Driving Instructions](#)

**8:30 – 9:15AM** Registration, breakfast, and open vendor time

**9:15- 9:30AM** Welcome

**9:30 – 10:30AM** 1.0 Contact Hour - Level: Intermediate - P.A.C.E. ® # 362-601-22

***The History, Biology, Epidemiology, and Clinical Aspects of Monkeypox Virus  
(and Some Other Orthopoxviruses)***

**Ryan F. Relich, PhD, D(ABMM), MLS(ASCP)<sup>CM</sup>SM<sup>CM</sup>, Indiana University  
School of Medicine and Indiana University Health, Indianapolis, IN**



**DESCRIPTION:**

This one-hour lecture will discuss the history, basic biology, epidemiology, pathogenesis, clinical presentation, diagnosis, treatment, and prevention of diseases caused by orthopoxviruses, especially monkeypox virus. Emphasis will be given to matters relevant to diagnostic and public health microbiology.

**OBJECTIVES:**

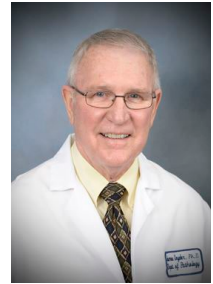
- List several orthopoxviruses that are associated with zoonotic infections and describe their symptomatology.
- Describe the epidemiology of orthopoxviruses, their natural reservoirs, and their replication cycles.
- Discuss orthopoxvirus diagnostic, treatment, and prevention strategies and measures.

**10:30 – 10:45AM Break/ Visit Vendor Booths**

**10:45 –11:45AM 1.0 Contact Hour - Level: Intermediate- P.A.C.E. ® # 362-602-22**

***Blood Culture Utilization and Diagnostic Stewardship***

**James Snyder Ph.D., DABMM, FAAM UofL Health, Louisville, Kentucky**



**DESCRIPTION:**

Blood cultures serve as Gold Standard for diagnosis of bacteremia, fungemia, and sepsis. Many factors influence the performance and sensitivity of a blood culture beginning with the preanalytical phase involving patient preparation, clinical indicators of bacteremia, blood volume, and most importantly, diagnostic stewardship. Areas for improving blood culture performance will be discussed in this presentation.

**OBJECTIVES:**

- Differentiate the four types of bacteremia
- Justify the rationale for multiple blood cultures
- Describe the strengths and limitations of repeat blood cultures

**11:45 – 1:00PM Lunch/Visit Vendor Booths**

**1:00 – 2:00PM 1.0 Contact Hour - Level: Intermediate- P.A.C.E. ® # 362-603-22**

***People who saved the world; the story of the COVID-19 vaccines***

**Richard A. Van Enk, Ph.D., CIC, FSHEA, Bronson Health Care, Kalamazoo, Michigan**



**DESCRIPTION:**

Although the use of mRNA for vaccines is at least 30 years old, the way this technology was mobilized so quickly to address COVID-19 was unprecedented in many ways. This is the story of the two most popular COVID-19 vaccines in the US; Pfizer/BioNTech and Moderna, and also the Johnson and Johnson/Janssen and Novavax vaccines.

**OBJECTIVES:**

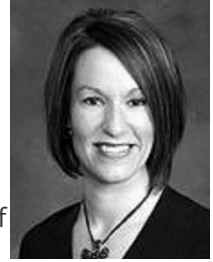
- Be able to explain how mRNA vaccines work and described their steps in development
- List several advantages and disadvantages of the COVID-19 mRNA vaccines
- Compare and contrast the mRNA vaccines with a few of the other COVID-19 vaccines used in the US and internationally

**2:15 – 2:30PM Break/ Visit Vendor Booths**

**2:30 – 3:30PM 1.0 Contact Hour - Level: Advanced- P.A.C.E. ® # 362-604-22**

***Diagnostic Stewardship—The Key to Improving Antimicrobial Use***

**Laura Gillespie, PharmD, Saint Joseph Regional Medical Center, South Bend, Indiana**



**DESCRIPTION:**

Diagnostic stewardship, the improvement of diagnostic testing, is an important part of comprehensive antimicrobial stewardship programs. At the patient level, it allows providers to prescribe the most clinically appropriate treatments, and globally, it helps slow the alarmingly high rates of antimicrobial resistance worldwide, and decrease the emergence of pathogenic organisms.

**OBJECTIVES:**

- Be able to explain what diagnostic stewardship is, and its critical role in antimicrobial stewardship.
- Identify at least one rapid diagnostic test that allows clinicians to quickly deescalate antimicrobial therapy (or prevent use altogether).
- Explain how the micro lab adoption of new breakpoints in a timely manner plays a role in improved treatment success rates.

**3:30 – 3:45PM Prizes, Closing remarks & Adjournment**

**Attendee Registration:** online at <https://scacm27.wildapricot.org/event-4868915>

**Pay online or request invoice and pay by check to:**

Bill Helmink - SCACM Treasurer  
6725 W Central Ave. Suite M309  
Toledo, Ohio 43617

**Registration options based on SCACM membership status:**

**\$20.00 MEMBER REGISTRATION- advanced** (before Sep 13, 2022)

*Discounted registration for ACTIVE SCACM Members. Must LOG IN & possess an ACTIVE Lifetime, 5-Year, 3-Year, or 1-Year SCACM Membership to obtain this discounted rate. If you are not currently an ACTIVE SCACM Member, select the NON-MEMBER registration to purchase a 1-Year SCACM Membership that will expire 12/31/2022 and receive this discounted rate.*

\$40.00 MEMBER REGISTRATION- at door (Sep 14 to Sep 23, 2022)

**\$40.00 NON-MEMBER REGISTRATION- advanced** (before Sep 13, 2022)

\$60.00 NON-MEMBER REGISTRATION- at door (Sep 14 to Sep 23, 2022)

**\$15.00 STUDENT REGISTRATION- advanced** (before Sep 13, 2022)

*STUDENT, Non-Member Registration that includes purchase of a SCACM membership through the end of the current year. If you are (1) a student of an MLS, MLT, B.S. Biology, B.S. Chemistry, or similar Clinical Microbiology Laboratory program and (2) NOT currently an ACTIVE SCACM Member, select this STUDENT, NON-MEMBER registration to purchase a 1-Year SCACM Membership that will expire 12/31/2022 and receive this discounted meeting attendance rate.*

\$35.00 STUDENT REGISTRATION- at door (Sep 13 to Sep 23, 2022)

**Exhibitor Registration:** online at <https://scacm27.wildapricot.org/event-4462707>

For additional information, please contact:

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