

CONTINUING MEDICAL EDUCATION

**Bacteriophages: Therapy, structure, and structure-guided engineering
 - GHID - 2/13/2026 – 78409-76205**

Date: February 13, 2026

Time: 12:00 PM-1:00 PM

*Krista Freeman, PhD
 Case Western Reserve University*
Educational Objectives

At the conclusion of this activity, the participant should be better able to:

- 1 Discuss history, potential, and modern challenges of bacteriophage therapy.
- 2 Appreciate cryo-EM as a tool for learning about bacteriophages and to recognize conserved structural features of phages.
- 3 Describe the process of modifying bacteriophage structures with genomic engineering approaches

Accreditation and Credit Designation Statements

Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Case Western Reserve University School of Medicine designates this live activity for a maximum of 1.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosures:

All relevant financial relationships have been mitigated. This activity's planners and speaker(s) have made the following disclosures:

Name of individual	Individual's role in activity	Nature of Relationship(s) / Name of Ineligible Company(s)
Doug Brubaker, PhD	Course Director	Nothing to disclose - 08/06/2025
Aaron Burberry, PhD	Course Director	Nothing to disclose - 08/06/2025
Christina Farr, PhD	Course Director	Nothing to disclose - 08/07/2025
Michael Freeman, PhD	Course Director	Nothing to disclose - 08/13/2025
Krista Freeman, PhD	Faculty	Nothing to disclose - 12/12/2025
James Kazura, MD	Course Director	Nothing to disclose - 08/06/2025
Stephanie Langel	Course Director	Nothing to disclose - 08/13/2025
Robert Maitta, MD, PhD	Course Director	Honoraria-Sanofi-Aventis (Relationship

PRESENTED BY:

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		has ended) - 09/04/2025
Eric Ransom, PhD	Course Director	Grant or research support- bioMerieux Consulting Fee- Cytovale Grant or research support- Pattern Bioscience - 08/06/2025
Akram Shalaby, MD	Course Director	Nothing to disclose - 08/13/2025