



HOWARD UNIVERSITY COLLEGE OF PHARMACY
- OFFICE OF CONTINUING -
PROFESSIONAL EDUCATION
leading edge learning



Battle of the Beta-Lactams: Tackling ESBL and AmpC Resistance in Gram Negative Organisms

Date: Thursday May 29, 2025

Time: 1:30 PM – 2:30 PM EST

Target Audience: Pharmacists, residents, fellows, faculty and pharmacy students

ACPE Pharmacist CE Credit Available: 1.0 contact hour (0.1 CEU)

Program Type: Live Webinar

Activity Type: Application

Fee: N/A

Needs statement: IDSA Guidance on Treatment of Antimicrobial Resistant Gram-Negative infections were updated in July of 2024. All learners are likely in need of a summary of the updates and current guidance in relation to the molecular mechanisms of these gram-negative bacteria, the most common bacteria that have these resistance mechanisms, the detection/lab methods for these organisms, and the recommended treatment options.

Statement of goal: To assist pharmacists in identifying extended spectrum beta lactams (ESBL) and AmpC resistance mechanisms and the appropriately recommended antibiotic therapy.

Objectives: At the end of the presentation, the participants should be able to:

- **Determine** the molecular mechanisms underlying extended spectrum beta lactamase (ESBL) and AmpC production in Gram-negative organisms.
- **Identify** the most common Gram-negative organisms that are associated with inducible AmpC enzymes
- **Recognize** detection methods for ESBL producing organisms and how they are commonly identified in labs
- **Evaluate** treatment options for infections caused by ESBL and AmpC-producing organisms

Faculty Presenter:

Dr. Crystal Akpede, PharmD

PGY-1 Pharmacy Resident, Howard University Hospital

Faculty Advisor:

Dr. Jessica Colmerauer, PharmD, BCIDP

Infectious Disease Clinical Pharmacy Specialist, Howard University Hospital

Please see below the link to Register for the CE program and to claim CE credit:



Howard University College of Pharmacy, (COP) is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. **This program meets ACPE criteria for 1 contact hour (0.1 CEU) for Pharmacists.** CE credit will be awarded through the CPE Monitor within 3–4 weeks of the seminar to those **who successfully complete the program** by registering for this event, attending the webinar, obtaining a score $\geq 70\%$ on the POST-TEST and completing the evaluation. The UAN for this program is **0010-0000-25-034-L01-P**. The deadline to claim CE for this program is **07/24/2025**.

Please see below the link and login information to join the webinar: Registration is open and will remain open until 6/5/2025

[Battle of the Beta-Lactams: Tackling ESBL and AmpC Resistance in Gram Negative Organisms - Howard University College of Pharmacy \(HUCOP\) - Office of Continuing Professional Education \(CPE\)](#)

Please See below the link and login information to join the webinar:

Zoom login instructions to join the webinar:

When: **THURSDAY, May 29th at 1:30pm EST**

Topic: **Spring 2025 HUCOP Clinical Pharmacy Rounds_ "Free CE" Webinar Series**

Faculty Speaker: **Dr. Crystal Akpede**

Faculty Advisor: **Dr. Jessica Colmerauer**

Join from PC, Mac, iPad, or Android:

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Webinar ID: 843 9636 5474

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