



College of  
Pharmacy

Howard University, College of Pharmacy Office of Continuing Professional Education

Presents

## THE GUT MICROBIOME & PROBIOTICS IN CLINICAL PRACTICE

SPEAKER: JOHN A. DAMIANOS, MD

Date: On Tuesday, April 16, 2024

(ENCORE Audio Presentations: April 23rd and 30th, 2024)

Scan to Register



Time: 06:00 pm – 07:00 pm (EST)

Venue: Live virtual on Zoom

<https://howard.zoom.us/j/89920698952?pwd=T2ZpMctVcHFBL281MkM5QkViOGlwQT09>

Meeting ID: 899 2069 8952

Passcode: 20242024

Scan to Attend



**Needs Assessment:** A knowledge gap analysis concerning educational activities on the gut microbiome and the use of probiotics for pharmacists reveals a critical need for enhanced understanding and training in this area. Given the growing body of research highlighting the importance of gut microbiota in health and disease, pharmacists play a crucial role in educating patients and providing appropriate interventions. However, many pharmacists may lack comprehensive knowledge about the gut microbiome and probiotics, including their mechanisms of action, therapeutic indications, and potential interactions with medications. Meeting the requirements mandated by the funding sponsor necessitates tailored unrestricted educational initiatives that address these knowledge gaps.

**Statement of Goal:** These educational activities are developed to ensure pharmacists, and other healthcare clinicians who treat patients with gastrointestinal diseases, are equipped with the necessary and relevant education and knowledge to deliver optimal patient care and support.

**Activity Type:** Application-based

**Credit Hour(s):** 1 credit hour (0.1 CEU)

**Fee:** There is no charge for this CE activity and participation is **Free** for attendees

**Audience:** Pharmacists and other interested Healthcare Professionals.

**Sponsor:** This activity was made possible due to an unrestricted medical education grant from Visbiome (ExeGi Pharma). Visbiome was not involved in the planning of any aspects of this educational activity.

Time	Topic (UNC)	Objectives
6:00 PM – 6:30 PM	Introduction To the Gut Microbiome	<ul style="list-style-type: none"> <li>Examine the functions of the gut microbiota and the concepts of eubiosis and dysbiosis and their relation to health and disease.</li> <li>Differentiate factors that modulate the microbiota</li> </ul>
6:30 PM – 7:00 PM	Probiotics In Clinical Practice	<ul style="list-style-type: none"> <li>Examine the definition of and proposed mechanisms of action for probiotics.</li> <li>Interpret the latest evidence for probiotics in antibiotic-associated diarrhea and irritable bowel syndrome.</li> </ul>

**Register Now!!!**

To REGISTER for the CE program on April 16, 2024 and to claim CE, use the QR code or link below:

<https://hurxce.learningexpressce.com/index.cfm?fa=view&eventID=26025>

Scan to Register



**Registration for ENCORE #1** Audio Presentation on April 23rd will open on April 17th and will close on April 23rd

**Registration for ENCORE #2** Audio Presentation on April 30th will open on April 24th and close on May 7th



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 a total of 1 contact hour (0.1 CEU). Credit will be awarded through the CPE Monitor, within 3–4 weeks of the seminar to those who successfully complete the program. Using the following URL: <https://hurxce.learningexpressce.com/index.cfm>, the evaluation form, and a score  $\geq 70\%$  correct on post-test questions will be required for successful completion. The ACPE Universal Program number assigned to this program is **0010-0000-24-006-L01-P & 0010-0000-24-007-L01-P**. The deadline to claim CE is **June 25, 2024**.