

# Genetic Clues to Beating the Blues: Utilizing Pharmacogenomics to Guide Antidepressant and Anxiolytic Therapies

## **Pharmacy Grand Rounds 2026**

4/28/2026 at 12:00pm CT, 1:00pm ET

Reynolds Tower Penthouse and Virtual Via Teams Webinar

**Overview:** This presentation will explore the role of pharmacogenomics in behavioral health pharmacotherapy, with particular emphasis on antidepressant and anxiolytic agents. It will also address key clinical considerations, potential limitations of current pharmacogenomic applications, and emerging directions for integrating personalized medicine into psychiatric treatment.

**Speakers:** Carly Mitchell, PharmD, Kisara Thompson, PharmD, PGY1 Pharmacy Residents – Atrium Health Wake Forest Baptist Medical Center

**Preceptor:** Gkeemia Gibson, PharmD, BCPS BCPP

### **Objectives:**

1. Review foundational pharmacogenomics and identify clinically meaningful phenotypes relevant to behavioral health pharmacotherapy.
2. Understand how CYP2D6, CYP2C19, and serotonin transporter genotypes may influence antidepressant and anxiolytic medication response.
3. Utilize evidence-based pharmacogenomic guidelines to optimize antidepressant and anxiolytic medication selection, dosing, and monitoring.
4. Evaluate the clinical utility and limitations of pharmacogenomic testing as an aid in selecting antidepressants and anxiolytics.

**Target Audience:** Advocate Health Pharmacists, Physicians, Nurses, and other interested healthcare professionals

**Disclosure:** The planner(s) and speaker(s) have indicated that there are no relevant financial relationships with any ineligible companies to disclose.

**Link to Live sessions:** [Pharmacy Grand Rounds 2026](#)

**Commercial Support:** There is no financial support for this activity.

### **Accreditation Statement:**



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### **Credit Statement(s):**

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