

# Precision Medicine in HIV

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The use of antiretroviral therapy (ART) has significantly reduced HIV-related mortality and morbidity, transforming HIV infection to a chronic disease with the care now focusing on treatment adherence, comorbidities including mental health, and other long-term outcomes. Since combination ART with three or more drugs of different mechanisms or against different targets is recommended for all people living with HIV (PWH) and they must continue on it indefinitely once started, understanding the long-term ART effects on health outcomes and personalizing ART treatment based on individuals' characteristics is crucial for optimizing PWH's health outcomes and facilitating precision medicine in HIV. In this talk, I will present methods designed to learn and understand the impact of ART on the health outcomes of PWH, and explore the future of HIV care through innovative and individualized approaches.

**Thursday, April 11, 2024, 3:30-4:30PM Eastern**

**133 Rosenau Hall**

**Zoom Link:**

<https://unc.zoom.us/j/98423779288?pwd=b0tqYThCQTAXeDdTQ0FRY3RnazdwQT09>

**Meeting ID: 984 2377 9288**

**Passcode: 631794**