

Connie Trimble Brief Bio

I am a clinician scientist, with expertise in gynecologic pathology, clinical gynecology, and tumor immunology. I am an active clinician. My work focuses on cancer interception: preventing cancers caused by HPV by treating and eliminating high-grade cancer precursor lesions. To date, we have focused on two non-surgical treatment strategies: (1) using therapeutic HPV vaccines to treat cervical intraepithelial neoplasia 2/3 (CIN2/3) (see: <https://tedxboston.com/videos/kicking-cancers-butt/>), and (2) repurposing a plant-derived compound, artesunate, which is recommended by both the World Health Organization and the U.S. Food and Drug Administration as first-line treatment for acute malaria, to treat high-grade HPV cancer precursor lesions of the cervix, vagina, vulva, anus, and rectum. For these clinical trials, artesunate is formulated as a topical, patient-administered insert or ointment, which has been well-tolerated and is also showing promising treatment effect. The most common side effect has been itching.