Unit 6

Introduction to Broadly Neutralizing Antibodies (bnAbs)

|  |
| --- |
| Overview  The purpose of this unit is to provide trainees an introduction to broadly neutralizing antibodies (bnAbs, pronounced “bee-nabs”) and bnAb research, and how this work relates to HIV vaccines.  Objectives  By the end of the unit trainees will:   * Be familiar with bnAbs and how they are related to HIV vaccine * Be familiar with some of the history of prior bnAb studies, including the AMP studies which proved the concept that bnAbs can be used for HIV prevention * Understand the future direction of bnAb research   Materials   * Intro-to-bnAbs.ppt   Approximate time  (45 minutes) |

# Warm-up/Introduction (5 minutes)

## Preparation

**Step 1:** Ask trainees if they have any personal experience with getting an IV infusion, also known as “getting a drip.” People may have gotten fluids if they were dehydrated, or they may have received a medication. See if anyone is familiar with using antibodies to treat other diseases (other than HIV), and ask them to share what they know, or what they have experienced.

# Presentation of Information (40 minutes)

## Preparation

* *Intro-to-bnAbs.ppt*

## Procedure

**Step 1:** Go through the PowerPoint presentation using the speaker’s notes. Stop for questions as they come up. If there are questions you cannot answer, write them down and contact your site PI or Community Engagement Project Manager at HVTN Core to help provide answers.

The HIV Vaccine Trials Network is supported through a cooperative agreement with the National Institute of Allergy and Infectious Diseases