

# Basic HIV and Cure Science Participatory Guide

## Objectives:

By the end of the session trainees will be able to:

- Describe the current state of HIV cure research
- Explain the difficulties in defining “cure”
- Describe the strategies currently being pursued
- Explain challenges to implementing the strategies

## Estimated Time:

PowerPoint presentation- 45-60 minutes

Jeopardy game- 30-45 minutes

Assessment- 5-10 minutes

## Materials:

- *Resources* a collection of additional articles, blogs and basic information
- *Instruction sheet* for the Jeopardy game can be found separately

## Planning for a Workshop

Trainers should plan an agenda for the session or workshop. The format of the module can be used as a guide and structure. When designing an agenda trainers should take into consideration the three factors below.

*Knowledge level of trainees:* Any previous knowledge or experience with HIV cure research or information should be the primary consideration. If the pre-assessment exams are given out prior to the workshop they can provide some insight into a group’s literacy level.

*Sector of trainees:* The entire curriculum is geared to community, particularly areas where research is being planned or conducted. Trainers may want to adjust the knowledge or content slightly based on the audience. For instance an internal review board may focus on the potential side effects of strategy.

*Total length of the workshop:* Approximate times are listed for each component of the module. Trainers should allow for additional time for activities such as: introductions and establishing group norms, coffee/water stretch breaks and work-shop wrap up.

### **Planning for the Trainee Group**

When planning a workshop it is important to consider the level of understanding the trainees will have about HIV cure research prior to the workshop. Trainee level may also determine the length of the overall workshop.

Some questions that may help trainers determine the background level of the trainee group include:

- Have trainees attended a cure research session prior?
- Are trainees involved in HIV research in some capacity?
- Do trainees have experience in HIV community mobilization or advocacy?

### **PowerPoint Instructions**

Before presenting the PowerPoint read through each slide to get familiar with the notes and the animations. If additional content is needed, please refer to the references and supplementary reading.

**Slide 9:** The “How to Cure Cancer” Time magazine cover will fly out as the chart describing each of the terms used to describe cure appear.

**Slide 10:** With each click the T-cells will fly in and shrink into the organs (gut and lymph node) where they form the tissue reservoir.

**Slide 13:** The arrow appears to emphasize the HIV DNA that has been integrated into the cell’s DNA. Once the cell reactivates it will produce HIV.

**Slide 16:** The question, “What if any effect does gender have on latency” is highlighted because this question is still under debate in the scientific community. New grants are being funded to determine if gender does play a role in latency and potentially in cure strategies.

### **Using Additional Modules**

Many of the modules will contain some of these basic elements. Look over all of the materials from each module and decide what needs to be covered in more depth in the basic module. This includes looking at the participatory activities you choose to play as part of the workshop.

### **Jeopardy Game**

The answer to the Jeopardy game can be found in both the text on screen and the note section of the PowerPoint. Before playing the game, make sure you have touched upon all of the answers at least once in the presentations or other activities.