Pathways to an HIV cure: Research and advocacy priorities
28 July 2022

Welcome!
Housekeeping rules

• The use of face masks is mandatory at CHUM

• It is forbidden to eat and drink inside the auditorium

• In case you have questions for the speakers, please wait until the next planned Q&A session and inform the co-chairs

• In case of questions, please contact the IAS and/or CHUM support team
Programme

You can access the programme using a QR code available across the venue
Communicating on HIV Cure

Series of Jojo:
https://youtu.be/DWSv8Qz5knk
Communicating on HIV Cure

AGENT BLOCK 'N' LOCK

KEY:
= Immune System
HIV
= Genetic material found in all living organisms that contains the instructions for making new cells and contains all genetic code
DNA
= Genetic material found in all living organisms that contains the instructions for making new cells and contains all genetic code
Genetic Editing
= Tools that can be used to alter the genetic code of cells or organisms
CRISPR
= A technique that allows for the precise editing of DNA
Black and Lock
= A strategy that targets and destroys the virus in infected cells and prevents them from spreading to other cells

The immune system learns how to locate and engage with HIV...

The immune system is being taken to a training school to learn how to defend the body against HIV...

ImmunoTeam: Defend 'n' Assist

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The other cells learn how to build immunity against HIV...

After their training, they are taken back to the lab and assist the other cells how to find, protect, and defend against HIV...

IMMUNOTeam: Defend 'n' Assist

Story by: Eric Lee, Matthew Mai & Jasmin Grossman

UCSF Center for AIDS Prevention Studies
Communicating on HIV Cure

Inmunoteam: Power Up!

KEY

Immune System
A system of cells, tissues, and organs working together in an organism to defend it against harmful pathogens.

HIV
A type of retrovirus that infects and destroys the immune system, leading to AIDS.

Immune Response
The body’s reaction to a pathogen, involving the production of antibodies and activation of immune cells.

Immune System Damage
The body’s ability to fight off infections is weakened, making the person more susceptible to disease.

Immune System Repair
Recovery and restoration of the immune system after treatment.

T cells
A type of white blood cell that plays a crucial role in the immune response.

CD4+ T cells
A type of helper T cell that is essential for activating other immune cells.

Th2 cells
A type of T cell that helps the body fight off infections by activating macrophages and other immune cells.

Key points:
- The immune system is fighting a losing battle against HIV, while the body struggles to recover.
- HIV enters the body, infecting immune cells and weakening the immune system.
- The body produces antibodies to fight off the virus, but the infection persists.
- The immune system repairs itself and recovers, but the battle against HIV continues.

Story by Eric Lee, Manjula Rai & Jasmin Grazman
(Artist) (Inks) (Colors)
Meeting materials

The meeting materials, including the recording, will be available after the event on the following webpages:

• Towards an HIV Cure webpage:

https://www.iasociety.org/events/pathways-hiv-cure-research-and-advocacy-priorities

IAS Youtube channel

https://www.youtube.com/playlist?list=PLjP62mGJ21ILD4dQyACwRhG9Tz2Bc99YT
Thank you all for your participation!!