

MOOC HIV Science

**A FREE ONLINE COURSE
OF THE INSTITUT PASTEUR**

Since the start of the epidemic HIV has infected over 79 million people and provoked more than 36 million deaths. Today, HIV replication can be efficiently controlled by antiretroviral treatment. AIDS-related deaths have been reduced by half since 2010. However, HIV infection remains a major global health issue. One third of people living with HIV does not have access to antiretroviral treatment. In addition, there is currently no cure for HIV and antiretroviral treatment needs to be maintained for life. In this MOOC we will review different aspects of HIV infection: from its biological origin and its identification as the causative agent of AIDS, to the current epidemiology, advances in knowledge about viral persistence and host immune responses, vaccine candidates, strategies of eradication and community perspectives by international experts in the respective fields.

AT THE END OF THIS COURSE, YOU WILL BE ABLE TO:

- Summarize the status of the HIV epidemic in the world.
- Describe the immune mechanisms to tackle the virus and how HIV is able to evade them.
- Report exceptional individuals who control the infection and animal models of spontaneous protection.
- Obtain insights into viral reservoirs and state of the art knowledge on post-treatment control.
- Explain clinical management of HIV infection.
- Discuss the future perspectives on treatment and prevention.



Starts on March 15, 2022



Free



Certificate available



English with French subtitles



Estimated effort: 2h 30/week



Webinar with experts

REGISTER:



CO-DIRECTORS:

- Michaela Müller-Trutwin
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