

DR. MOHAMED ABDEL-MOHSEN

- Associate Professor, Vaccine & Immunotherapy Center
- Immunology, Microenvironment & Metastasis Program, Ellen and Ronald Caplan Cancer Center

EDUCATION

- B.Sc., Microbiology, Ain Shams University, Cairo, Egypt
- M.Sc., Virology, Ain Shams University, Cairo, Egypt
- Ph.D., Virology, University of California, San Francisco (UCSF)/Ain Shams University
- Postdoctoral training: Virology at the Blood Systems Research Institute, San Francisco

CAREER HIGHLIGHTS

- Study how complex carbohydrates (glycans) modulate immunological functions during viral infections.
- Design novel immunotherapeutic approaches to enhance the ability of natural killer cells and other immune cells to kill virally-infected cells.
- Explore links between long-COVID, gut leakiness, and inflammation.
- Study whether altered glycans could be used to fight inflammation in people living with chronic viral infections, including HIV infection.
- Currently an adjunct associate professor at the University of Pennsylvania and co-director of the Penn CFAR Virus & Reservoirs Core Laboratory in Philadelphia.
- Prior to completing his Ph.D. and postdoctoral training, Dr. Abdel-Mohsen served as a virologist for the World Health Organization Regional Reference Laboratory for poliovirus in his home country of Egypt.
- Received the UCSF-Gladstone CFAR Early-Career Award of Excellence in Basic Science in 2015.

CONTACT

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AVAILABLE FOR MEDIA INTERVIEWS ON

- How sugar molecules on the surface of HIV-infected cells evade the immune system - considered a first step toward a new class of treatment.
- Whether people living with HIV are at higher risk for long COVID if they have a “leaky gut.”
- Impact of host glycosylation on chronic inflammation and viral persistence during chronic HIV infection.

A SAMPLE OF DR. ABDEL-MOHSEN'S MEDIA APPEARANCES

- Long COVID may be due to the virus sticking around after infection, researchers say, *NPR*, Nov. 12, 2023
- HIV-Infected Cells Evade Immune System by Sugar Molecule, *Genetic Engineering & Biotechnology News*, Nov. 12, 2021

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