

Sarah Gross

Associate Professor of Biology at Farmingdale State College

Farmingdale , NY, US

Dr. Gross is an expert in the field of Virology, specializing in herpesviruses.

Biography

Dr. Gross is the Curriculum Director of the Bioscience program, and an expert in the field of Virology, specializing in herpesviruses. Dr. Gross received her PhD in Biomedical Research from the Albert Einstein College of Medicine in 2004, and, after teaching high school biology for two years, joined Farmingdale State College in 2006. Her research centers on the envelopment process of herpesviruses, currently focusing on the downregulation of cellular ESCRT components by the viral UL56 protein.

Availability

Keynote, Panelist, Workshop

Industry Expertise

Education/Learning, Research, Biotechnology

Areas of Expertise

Biology, Biomedical Science, Virology, Cell Biology, Zika Virus

Affiliations

Member American Society for Virology, Member American Society for Microbiology, Member American Society for Microbiology NYC Branch

Event Appearances

“Understanding the Ebola Epidemic: Is It Time to Panic?”

Arts & Sciences Colloquium

“Investigation of Molecular Interactions Driving Pseudorabies Virus Envelopment”

2011 Biology and Chemistry Junior Faculty Symposium

“When Pigs Fly: Understanding the Swine Flu Pandemic”

Arts & Sciences Colloquium

“The cytoplasmic tail of HSV-1 glycoprotein H binds to VP16 in vitro: Sequence and Biochemical requirements for binding”
Herpesvirus Symposium

“The HSV-1 tegument protein VP16 binds to the cytoplasmic tail of glycoprotein H in vivo and in vitro”
Annual Retreat, Dept. of Developmental and Molecular Biology

Education

Albert Einstein College of Medicine
PhD Biomedical Sciences

Albert Einstein College of Medicine
MS Biomedical Sciences

Yeshiva University
BA Biology

Accomplishments

Undergraduate Teacher of Virology Travel Award
Undergraduate Teacher of Virology Travel Award from the American Society for Virology

Individual Development Award
Individual Development Award Program (IDAP) of the United University Professions (UUP) to attend the 111th General Meeting of the American Society for Microbiology in New Orleans, LA

Ida Lamport Hurewitz Memorial Award for Excellence in the Natural Sciences
Ida Lamport Hurewitz Memorial Award for Excellence in the Natural Sciences, Yeshiva University

Roth Scholar
Roth Scholar, Summer Undergraduate Research Program, Yeshiva University

Testimonials

Dr. Miriam Deitch

“Dr. Sarah Gross's Ebola lecture was outstanding. She is an excellent teacher. Only a talented teacher can take a complex topic and present it so that a general audience can make sense out of many of the complicated factors.”

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