

# **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.

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## **Description**

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.

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## **Availability**

Keynote, Panelist, Workshop

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## **Industry Expertise**

Education/Learning, Research, Biotechnology

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## **Topics**

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

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## **Affiliations**

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

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## **Past Talks**

• **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

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## Education

Albert Einstein College of Medicine  
PhD Biomedical Sciences

Albert Einstein College of Medicine  
MS Biomedical Sciences

Yeshiva University  
BA Biology

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## 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

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## 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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