

mediation & mixed reality
immersive activities in museums

Kevin Walker
Information Experience Design



Royal College of Art
Postgraduate Art and Design

Photo: Dennis Finnin

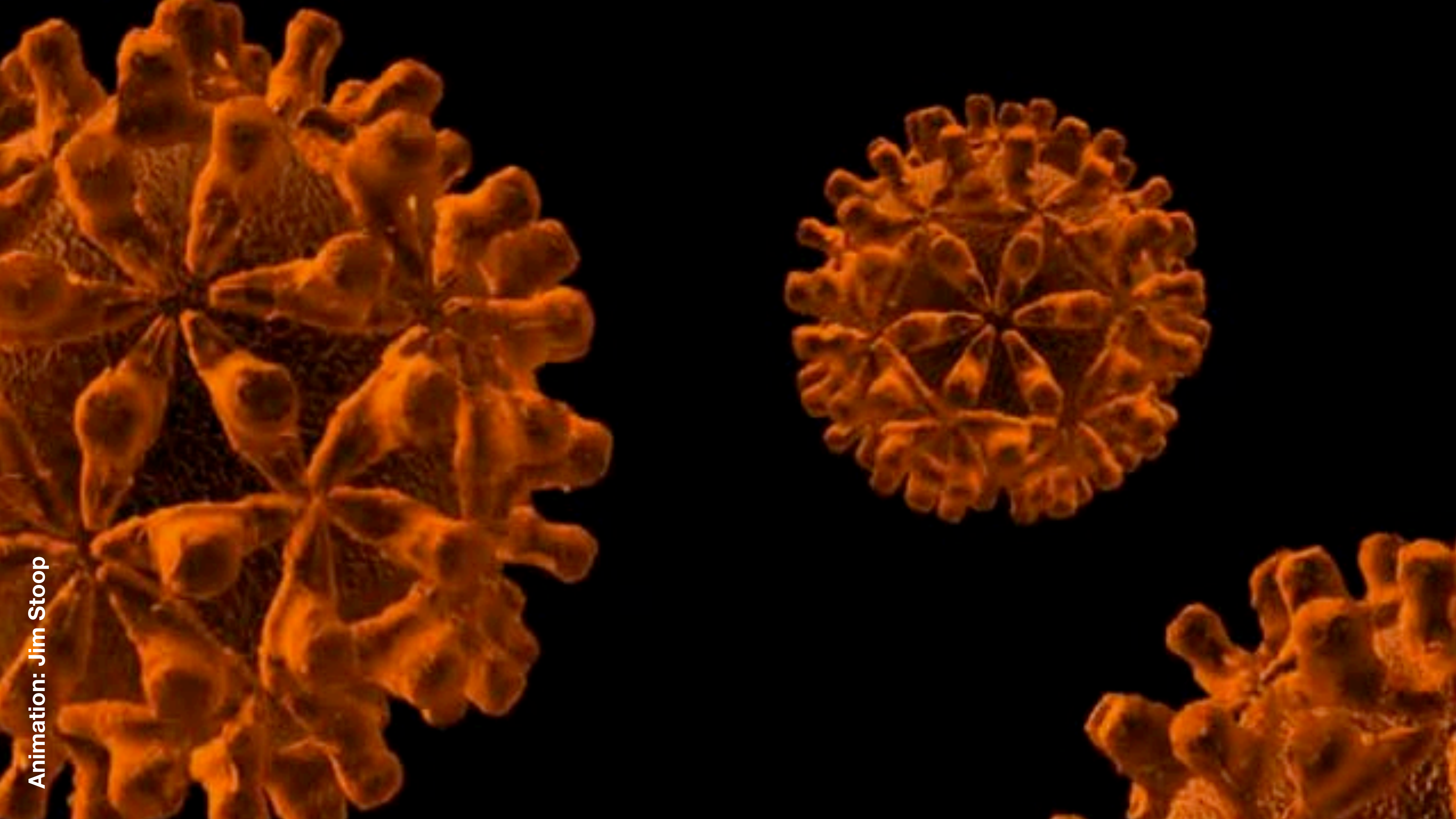


epidemic! the world of infectious disease
American Museum of Natural History

Photo: Dennis Finnin







Animation: Jim Stoop



hepatitis B



hepatitis B



Hepnaviridae are the viruses that cause hepatitis, among them hepatitis B, which can result in a severe liver infection. Transmitted through contact with infected blood, or sex with an infected person, hepatitis B often takes a mild form but ranks as a problem worldwide.

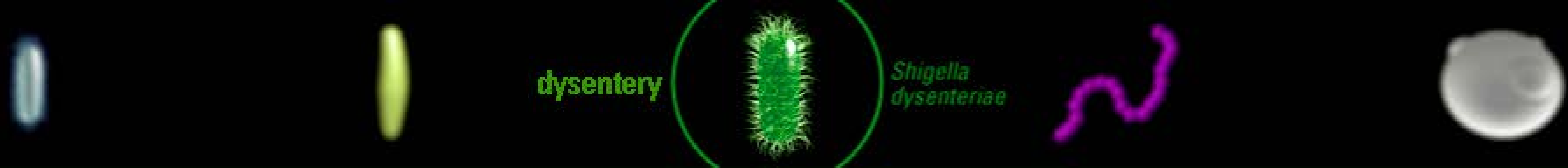


exposure

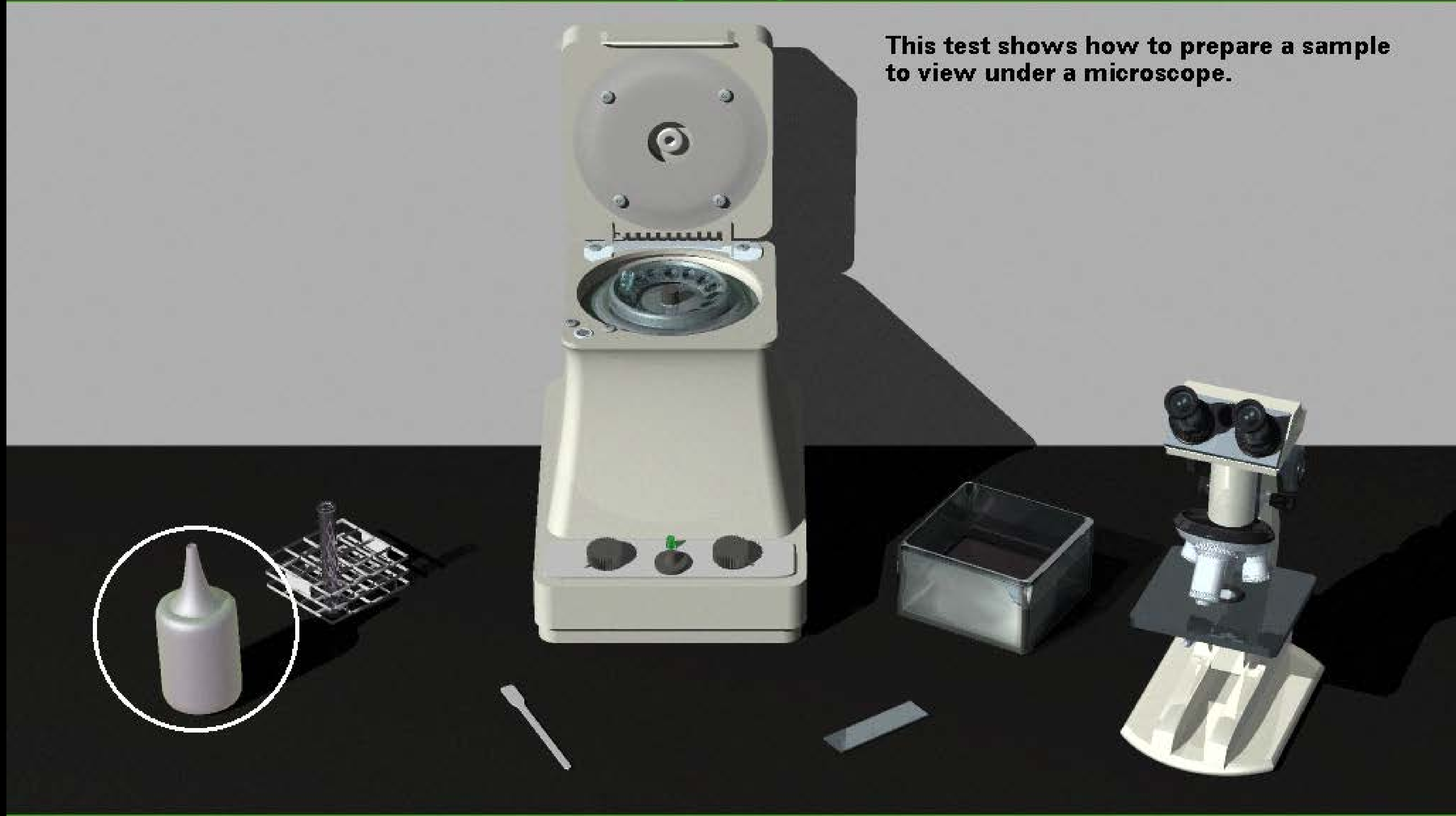


Photo: Dennis Finnin





This test shows how to prepare a sample to view under a microscope.

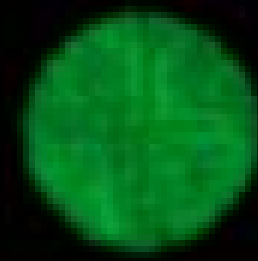
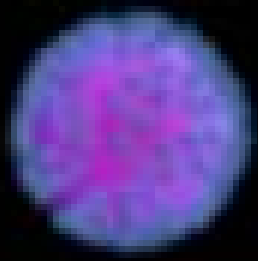


detection

microscope

First, dilute the specimen with saline solution.

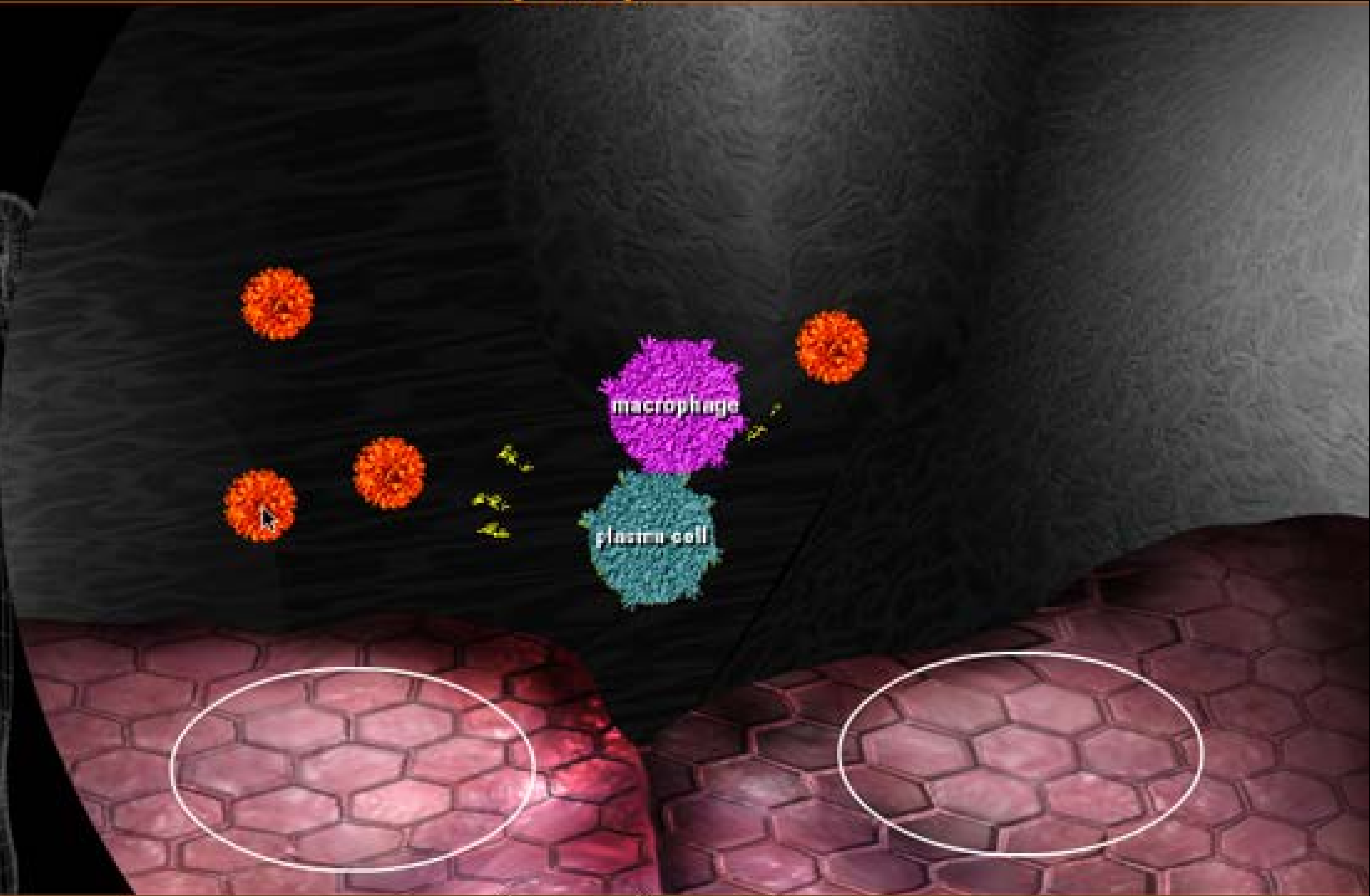
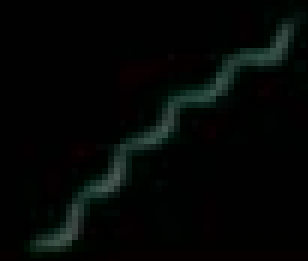




hepatitis B



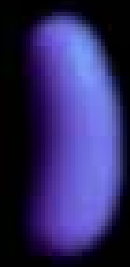
hepatitis B



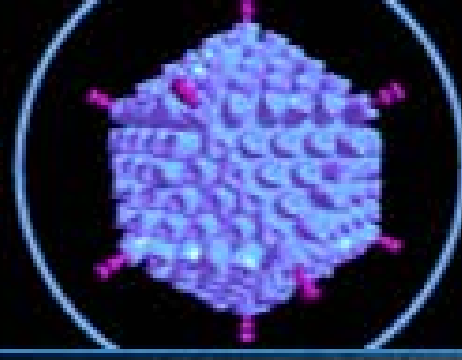
infection

B cell transformed to plasma cell, releasing antibodies.

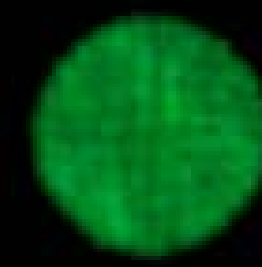
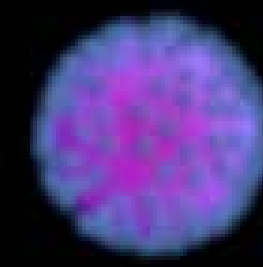




adenovirus



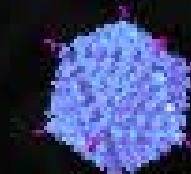
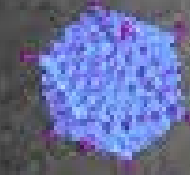
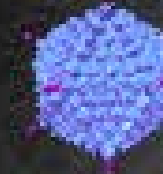
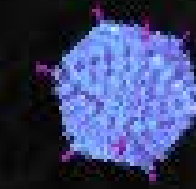
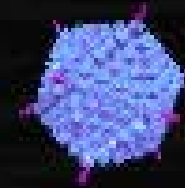
adenovirus



throat



antivirals



treatment

Touch the pills to fight off the infection



disease



unknown

There is a possible disease outbreak in Brooklyn!

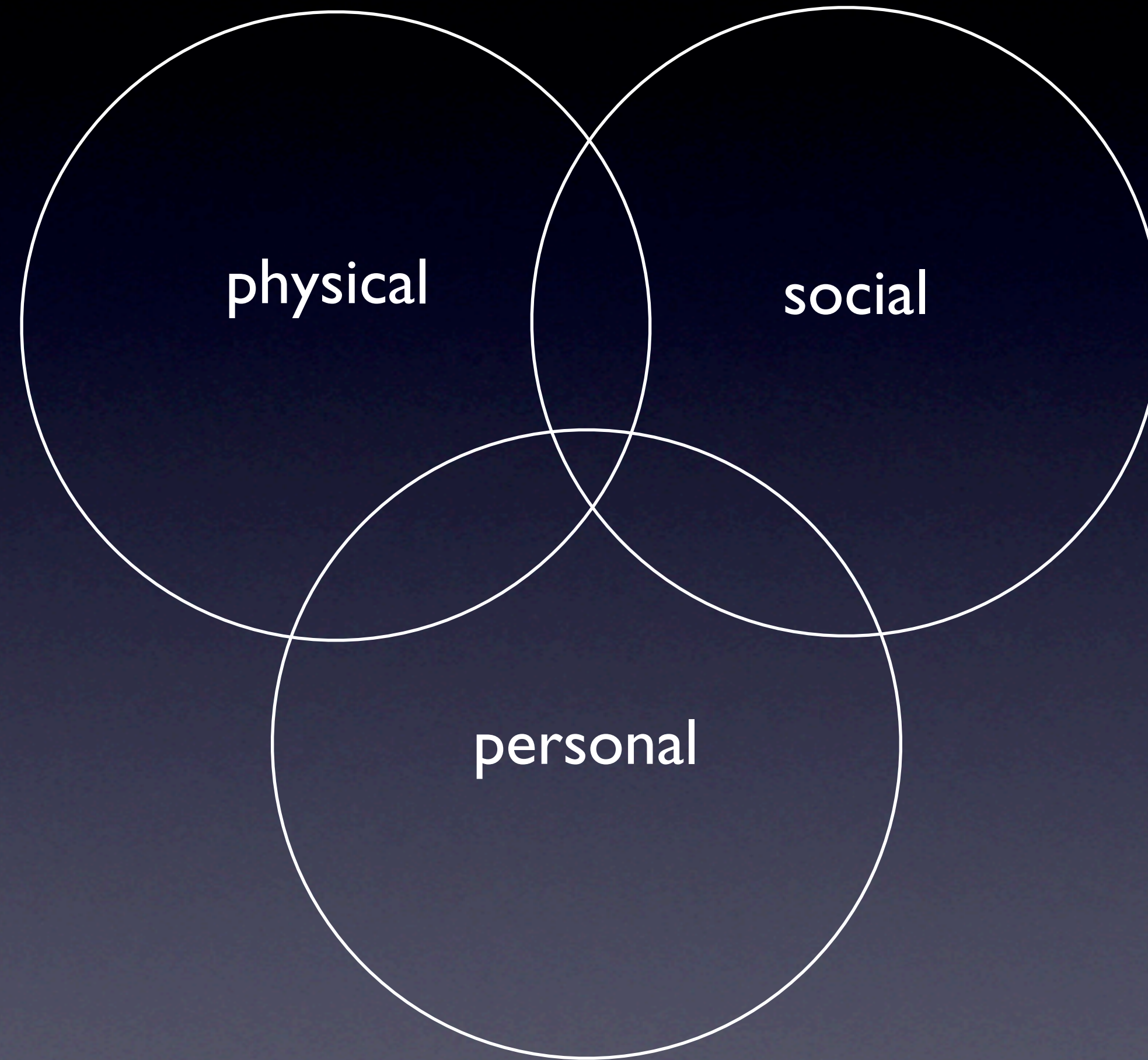
You are an **epidemiologist**. Can you help find out if these cases are linked?

Go to the case file for more information.

outbreak introduction case file

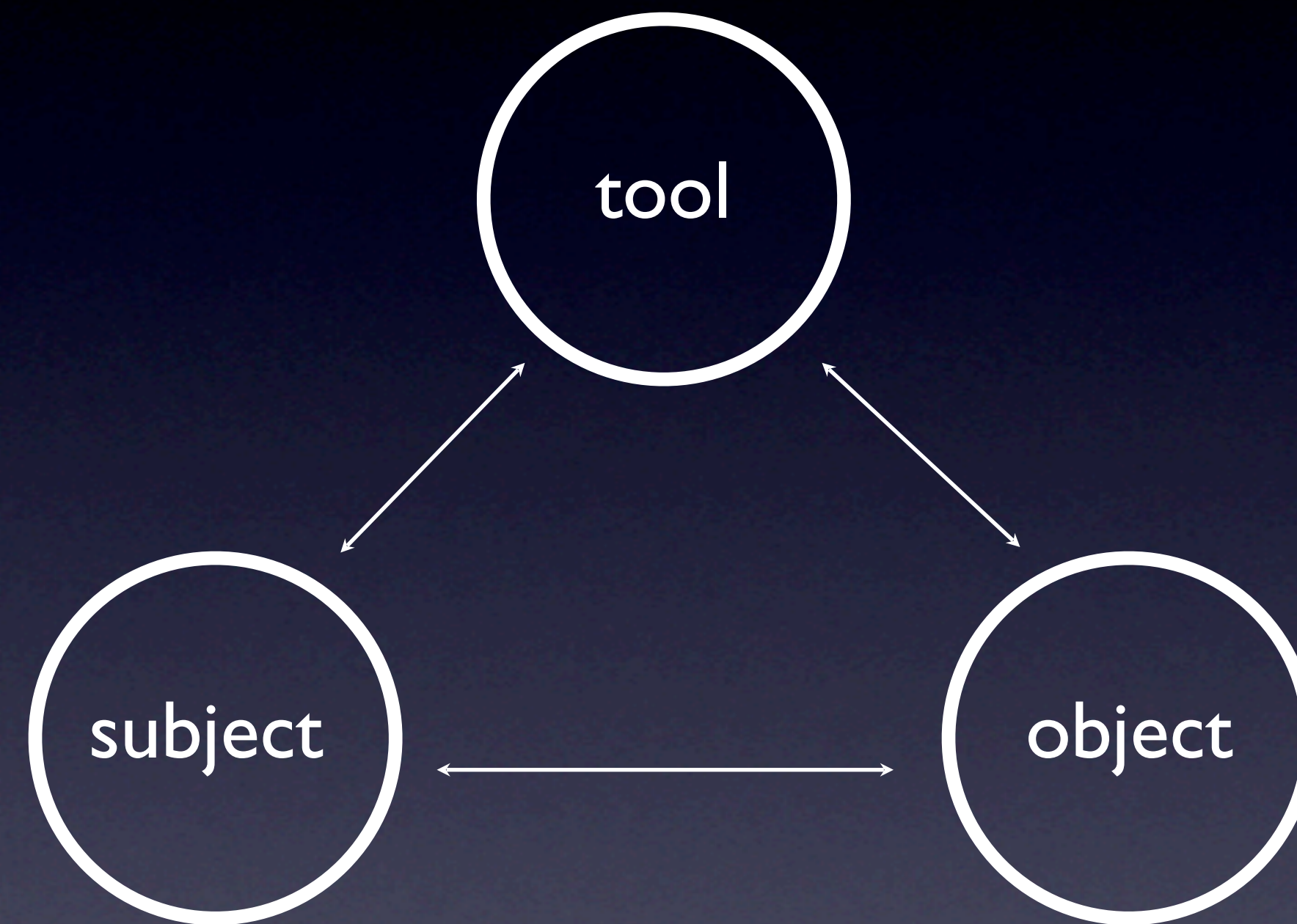


context



Contextual Theory of Learning
Falk and Dierking (2008).

tool mediation • activities



Pierroux, et al (2007)
A Framework for Designing for Visitors' Augmented Activities in Museums



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