

FSU
WELCOME

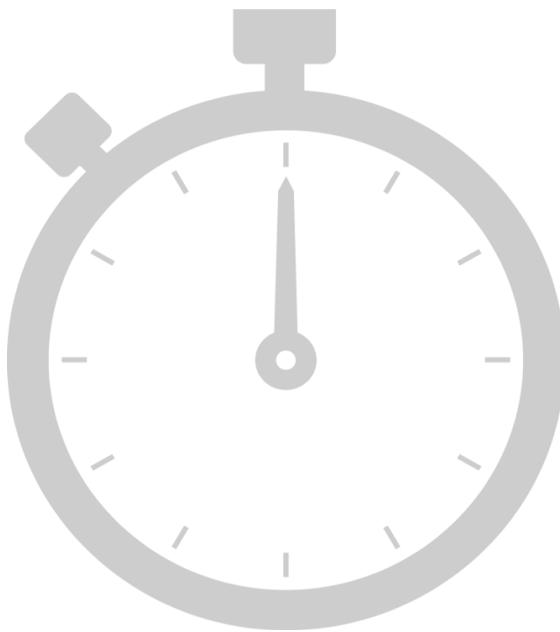
2024 Postdoctoral
Fall Symposium

The Office of Postdoctoral Affairs
The Graduate School | Florida State University

FSU

The Office of Postdoctoral Affairs

Presents:



FIVE MINUTE RESEARCH

POSTDOC COMPETITION



Florida State University



THANK YOU TEAM!

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Kyle Wilson



THANK YOU JUDGES!

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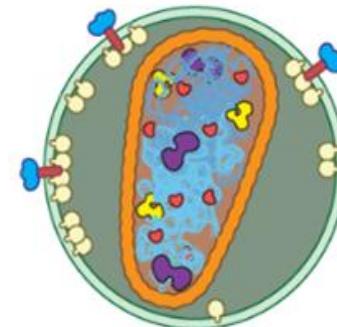
*The HIV Capsid: A Promising Target for Anti-HIV
Drugs and More?*

The Office of Postdoctoral Affairs
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HIV, The Virus That Causes AIDS, Is One Of The World's Most Serious Public Health Challenges

In 2023,

- **39.9 million people living with HIV**
- **630,000 HIV related deaths**



Human Immunodeficiency Virus (HIV)

There's No Cure For HIV Up-To-Date, But Antiviral Drugs Can Help People With HIV Live Longer

Antiviral Drugs For HIV Infection



1990's

20 pills per day



by 2016

1 pill per day

NEWS RELEASES

Media Advisory

Tuesday, June 4, 2024

U.S. clinical trials begin for twice-yearly HIV prevention injection

Today

Twice-yearly shots of
Lenacapavir: a Capsid Inhibitor

HIV Capsid Inhibitors Target Multiple Stages Of HIV Life Cycle

How does LEN affect capsid properties in late stages?

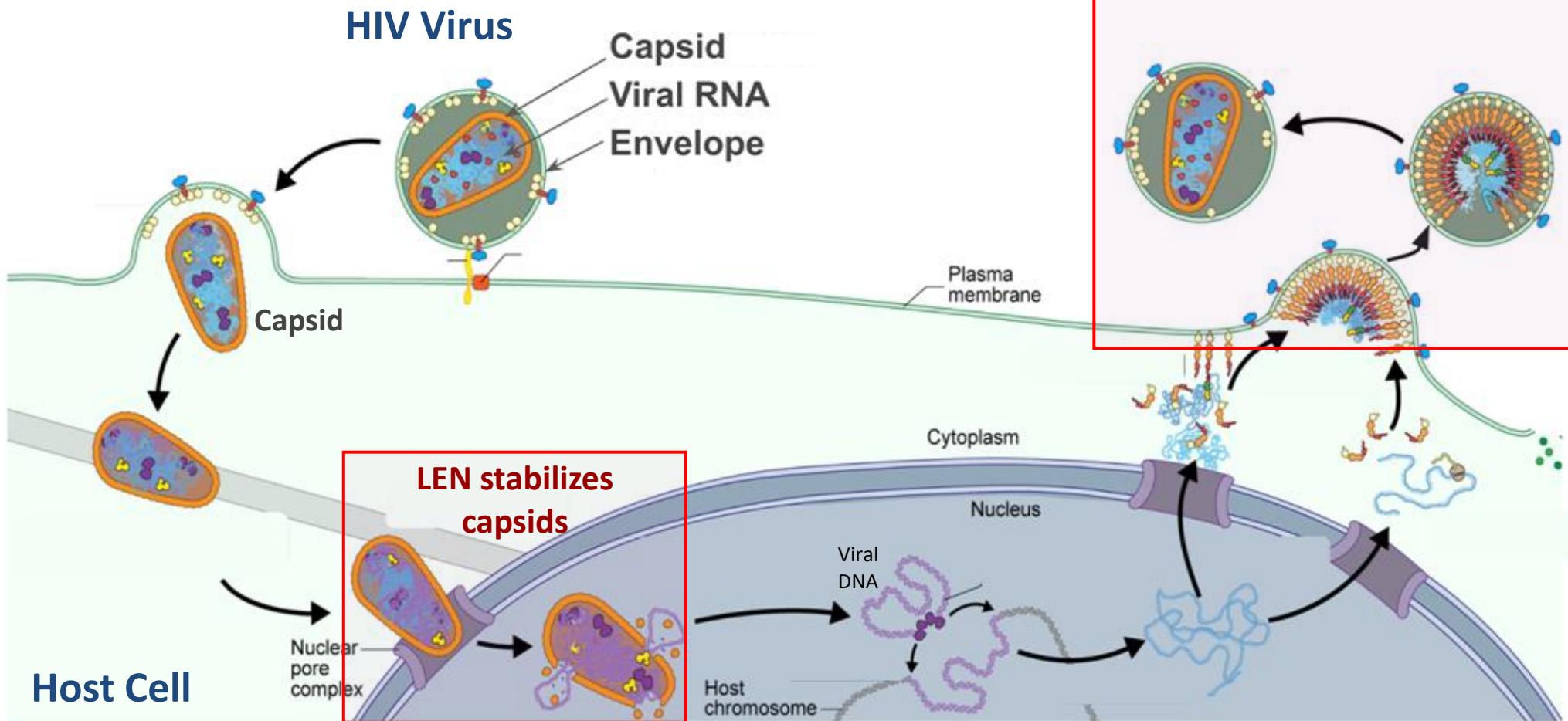
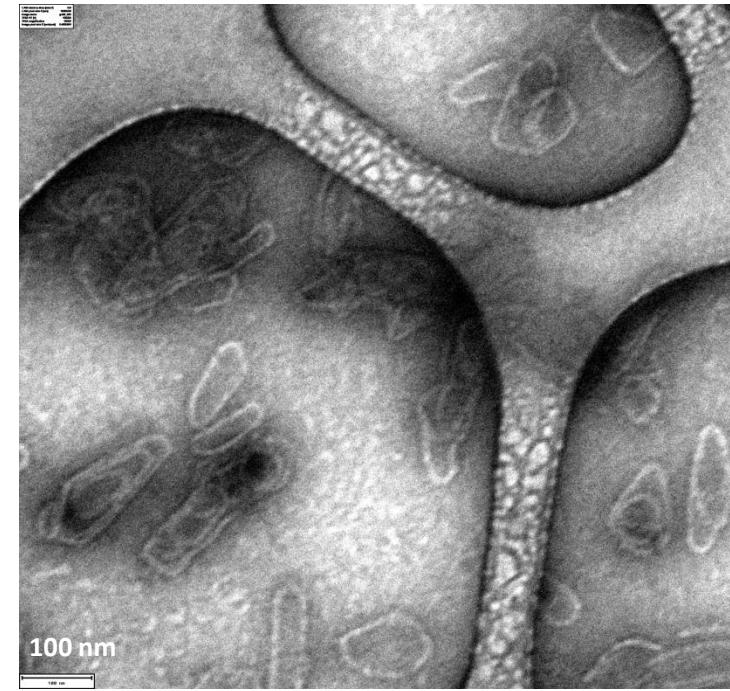
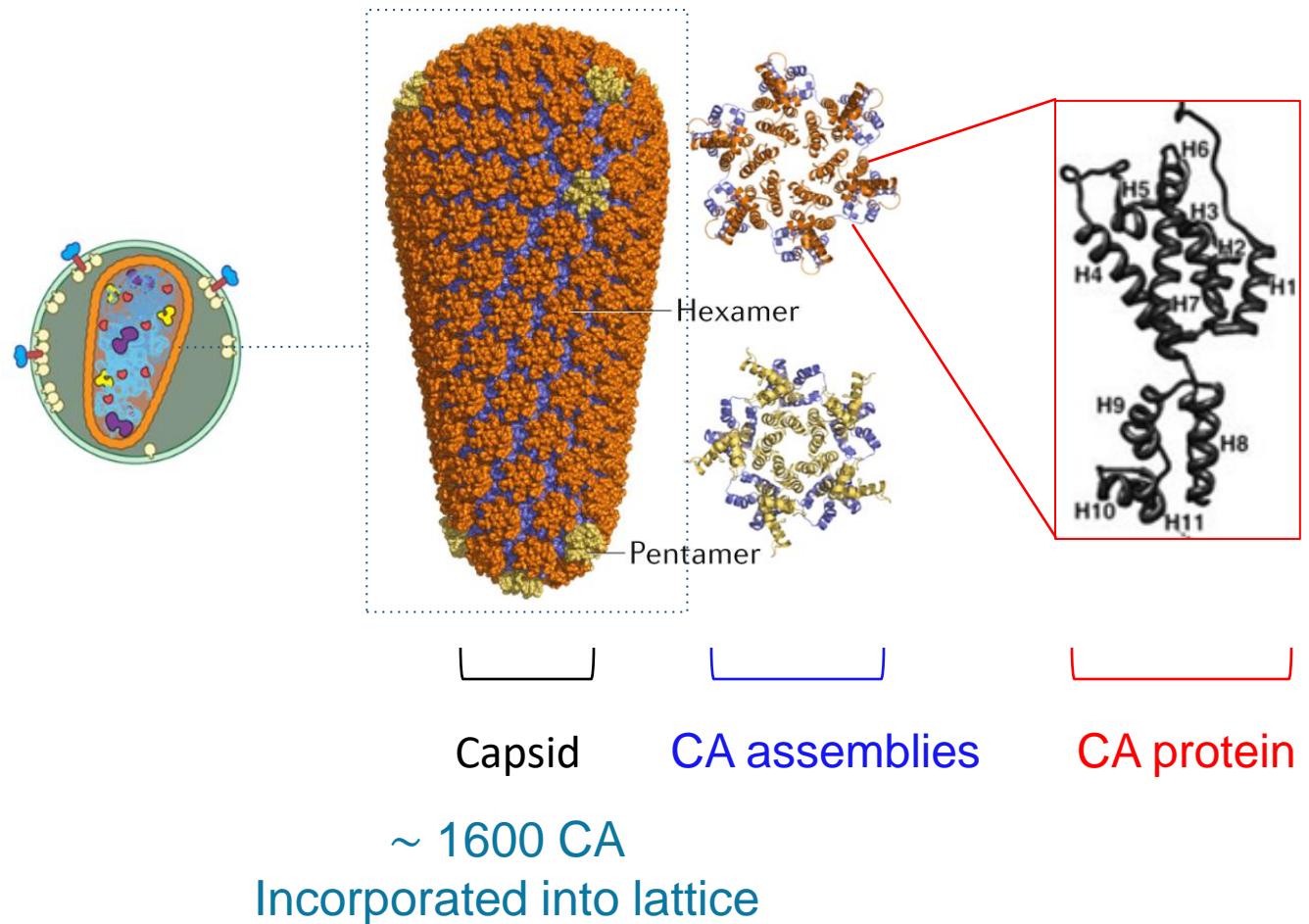


Image courtesy of Janet Iwasa, University of Utah

Can We Assemble Capsid-Like Particles In A Test Tube?



Capsid-like particles made in-house

What if we can make virus-like particles that can deliver drugs to specific cells in our body?

Acknowledgements



Jing Wang
Dean and Professor
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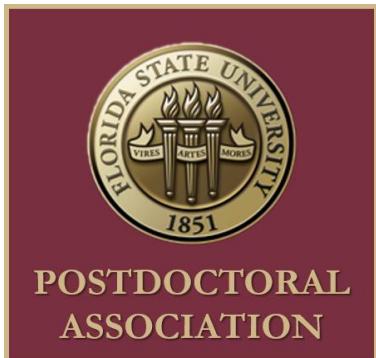
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PEOPLE'S CHOICE AWARD

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PEOPLE'S CHOICE AWARD

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1 - Ahinsa Ranaweera

The HIV Capsid: A Promising Target for Anti-HIV...

2 - Behrouz Ghazi Esfahani

SPOT-RASTR: A Novel Method To Prepare CRYO-EM Samples

3 - Herschel Chawdhry

Particle Physics and the Quest for High Precision

4 - Kasey Longley

Caring for Grandparent Caregivers: Identifying Support Needs for Older Adults Raising their Grandchildren

5 - Katherine Odegaard

A Matter of Taste: Unveiling the "New" Region in Taste Processing

6 - Li Guo

How Does Overnutrition Lead to Diabetes?

7 - Pearl Rivers Key

Mate Choice Under the Sea: Exploring the Genetic Blueprint of Reproduction in Sea Urchins

8 - Shannon Griffin

Engineering Superconducting Magnets via Structural Simulations

9 - Stephen Yuwono

How Electrons Dance When Things Go Heavy and Fast

10 - Yijiong Yang

Addressing ADRD and COVID-19 Vaccination Hesitancy: Strategies for Enhancing Health Outcomes



FSU
AWARDS & RECEPTION

Please join us for refreshments
and award presentations

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PROGRAM END

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