



Register
NOW!

2nd Annual
Interdisciplinary
Quantitative Biology
Summer Boot Camp

MECHANISMS OF ANTIFUNGAL RESISTANCE

July 30–August 3, 2018

Institute for Quantitative Biomedicine (IQB)
Center for Integrative Proteomics Research
Rutgers Busch Campus
Piscataway, NJ 08854

The Institute for Quantitative Biomedicine (iqb.rutgers.edu) will collaborate with the Public Health Research Institute (phri.org) to organize the 2018 Summer Boot Camp on **Antifungal Resistance**.

Learn more and register now at iqb.rutgers.edu!

RUTGERS



Course numbers:

16:848:611 (1 credit) | **01:556:483** (1 credit)

Email msanghera@iqb.rutgers.edu for permission number.

This immersive one-week summer program will provide broad introductory exposure to the language, culture, and experimental/theoretical underpinnings of molecular biology, biochemistry and biophysics of biological macromolecules, structural biology, computational biology, systems biology, and bioinformatics.

Instruction will take the form of lectures on clinically important antifungal medications and fungal resistance mechanisms, augmented by collaborative hands-on research projects focused on understanding the molecular bases and evolution of antifungal resistance.

The final afternoon of the Boot Camp will be devoted to a student-led presentation of findings from the collaborative research projects. There will also be career development activities student-driven topics-of-the-day, fun activities for relaxing, and an end-of-week networking opportunity.

Lectures are open to all. Those who wish to participate in the afternoon workshops must register for the week-long program.

Images:

Right: PDB ID **5HVL** Structure of *Candida albicans* trehalose-6-phosphate synthase in complex with UDP and validoxylamine A; Y.Miao *et al.* 2017. **Center:** *C. albicans* visualized using scanning electron microscopy. CC BY-Vader1941 SA 4.0