

National High-Throughput Crystallization Center



NATIONAL
CRYSTALLIZATION
CENTER



APPLY HERE

Meritorious Users Program

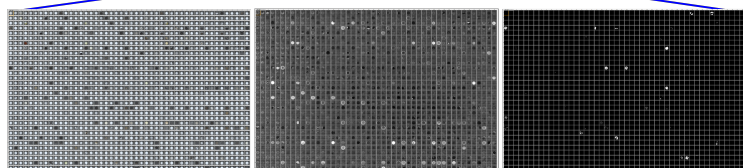
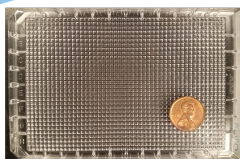
We are pleased to offer subsidized \$100 per plate (\$0.07 per condition) 1536-well high-throughput screening for up to 3 unique samples for qualifying meritorious

NIH NIGMS R24GM141256

You are eligible if you conduct research:

- ◆ at a primarily undergraduate institution (PUI)
- ◆ at a minority-serving institution (MSI)
- ◆ in an under-resourced lab

definition: currently, and for at least the most recent 6 months from application date, without any form of funding stream in excess of \$25,000



7x visible images

UV-TPEF images

SHG images

Budziszewski, G. R. et. al. J. Vis. Exp.(193), e65211, (2023)

- ◆ 4, 14, or 23°C incubation
- ◆ 6 week monitoring including UV-TPEF and SHG imaging to ID protein xtals
- ◆ MARCO Polo GUI for rapid image analysis and advice from HTX's team of crystallization experts

Please reach out to htslab@hwi.buffalo.edu with questions about the program or application process