## Finding Cures in Remote Locations: Using Nature to Nurture

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## WE SEARCH FOR MICROBES FOR MEDICINES AND TECHNOLOGY

Forest 10<sup>9</sup> VLP/mL Ocean 10<sup>5</sup>-10<sup>7</sup> VLP/mL

desert

10<sup>3</sup> VLP/mL

tai Φι

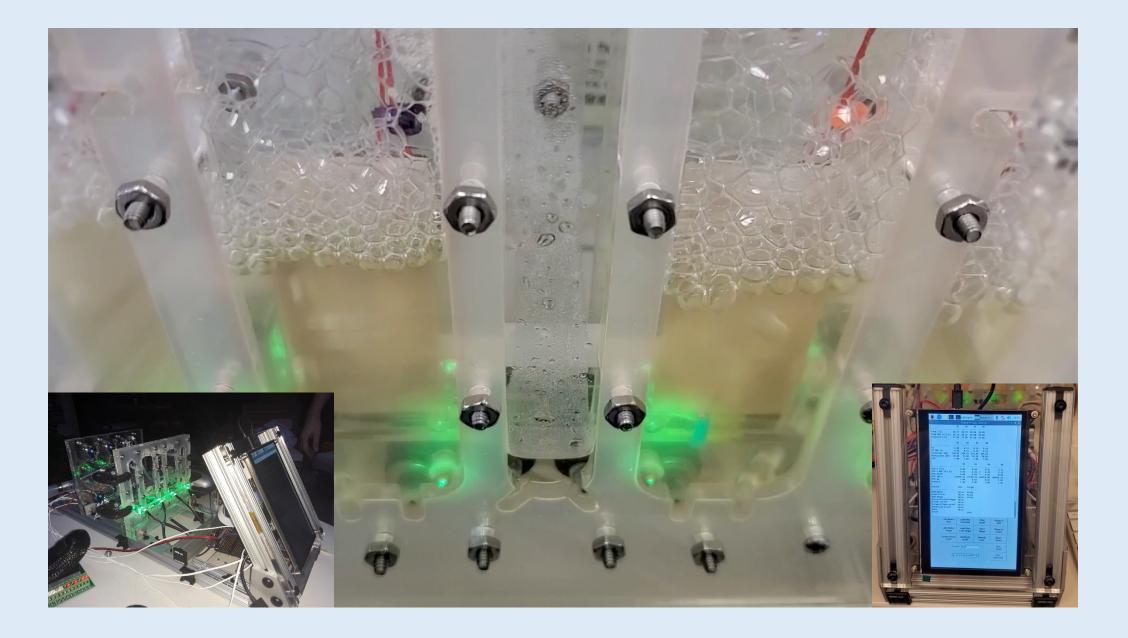
gut 10<sup>8</sup> VLP/mL

VLPs by Dion et al., 2020

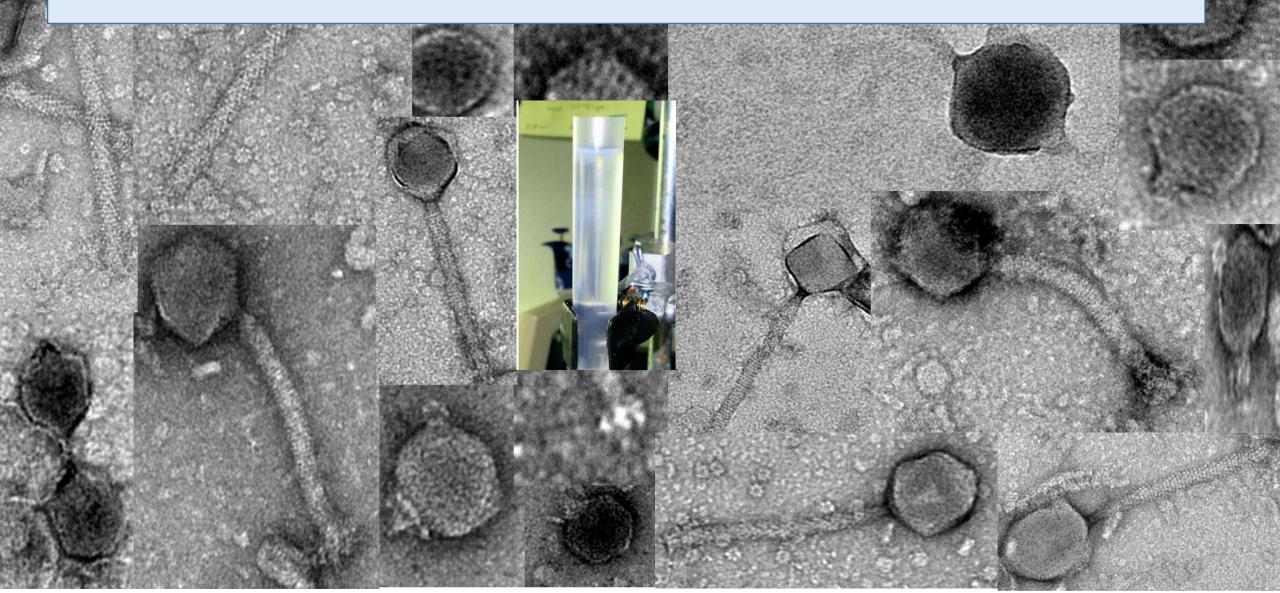
## INVENT MACHINES TO FIND MICROBES



### AND MACHINES TO CHANGE MICROBES



#### THE PHANTASTIC PHAGE – MIRACLE DRUG FOR BAD BACTERIA



## Nature can Nurture

## "SUPER BUG" DRUG-RESISTANT BACTERIA

PHAGE



Tailored Antibacterials and Innovative Laboratories for phage (Φ) Research

A Baylor College of Medicine initiative empowering clinicians with capable antibacterials to treat the most vulnerable patients.

#### 26 PATIENTS TREATED SO FAR 76% SUCCESSFUL

#### BACTERIA-EATING VIRUSES KILL HARD-TO-STOP INFECTIONS

**BACTERIA-EATING VIRUSES** 

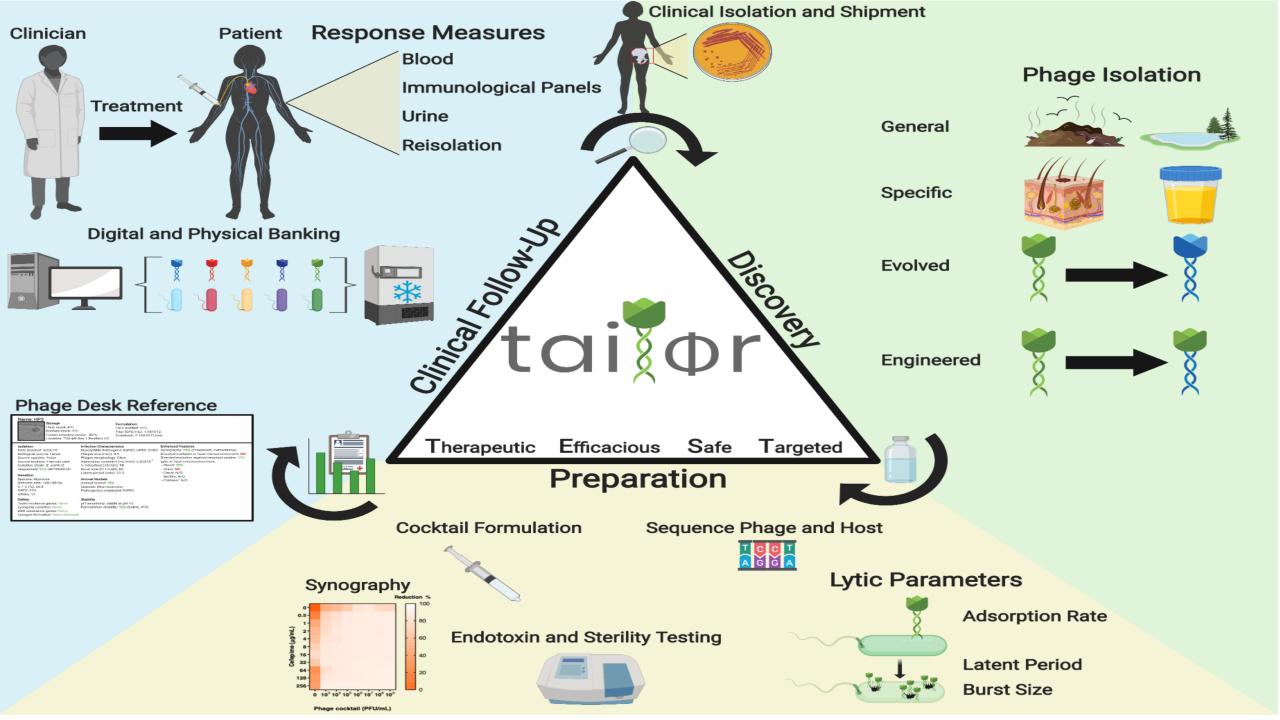
**KILL HARD-TO-STOP INFECTIONS** 

Watch later Share

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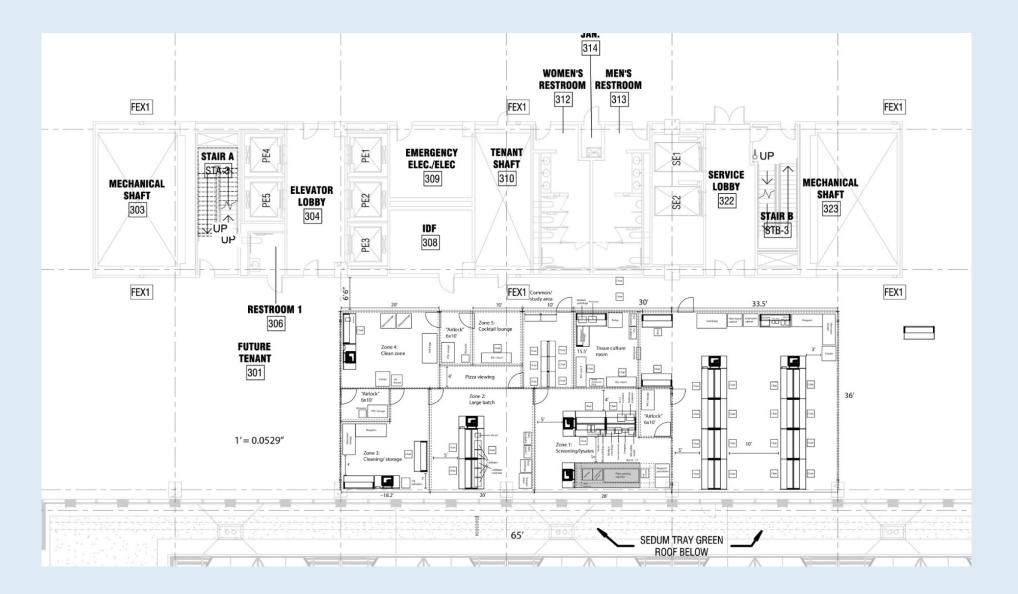
## **Helix Park!**







## **First Personalized Therapy Manufacturing Facility**



# TAILOR TECH HAS SPUN OFF

#### MANAGEMENT TEAM



AMANDA BURKARDT CHIEF EXECUTIVE OFFICER



JUSTIN CLARK BIOINFORMATICIST



JOSEPH PETROSINO



MAYUKH DAS CHIEF OPERATIONS OFFICER



KEIKO SALAZAR PRINCIPAL SCIENTIST



JAMIE BAILEY



AUSTEN TERWILLIGER CLINICAL OPERATIONS MANAGER



PAULINE KIM RESEARCH TECHNICIAN



