

# Wild-Type Phages for MRSA and VRSA Infections

## Research Team

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- Target: **MRSA and VRSA infections**
- Development stage: Applied research
- IP status: Patent application filed

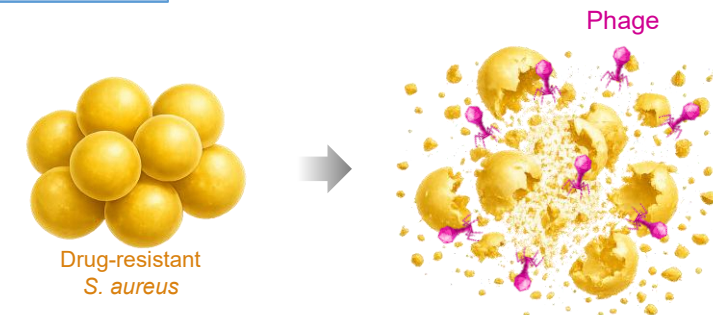
## Research Concept & Technology

- **Development candidate: Wild-type phages**
- Select wild-type phages active against clinical isolates for therapeutic use in *S. aureus* infections
- Prioritize candidates based on host range and lytic activity
- **Efficacy demonstrated in a mouse systemic infection model**
- **Safety evaluated in rats**

## Background & Unmet Need

- Some MRSA and VRSA infections are difficult to treat with antibiotics, underscoring the need for new therapeutic options
- Complementary approaches are needed for biofilm-associated, recurrent, and refractory infections

## Project Overview



## Development Plan

- Continue collecting safety and efficacy data
- **Define manufacturing, quality, and regulatory strategies**