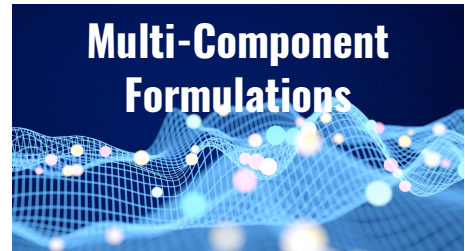
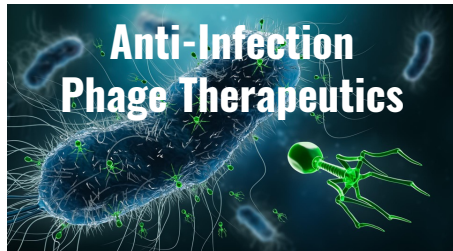




Mission: Combatting the Global Rise of Antibiotic Resistant Bacterial Infection

MEMSEL INTRODUCTION

At the Forefront of Biotechnology Innovation, Spearheading the Advancement of Health and Infection Therapeutics. Revolutionizing Care with Cutting-Edge Phage Therapies and Precision Delivery Systems.



Memsel TraumaCare360: Phage-Enhanced Polytrauma Wound Management System for Prolonged Field Care in Multi-Domain Operations

Injectable and Spray-On Gauze Applications: comprehensive, easy to use solutions for managing complex wound conditions.

Multicomponent Formulation:

Stop Bleeding: rapid hemostasis

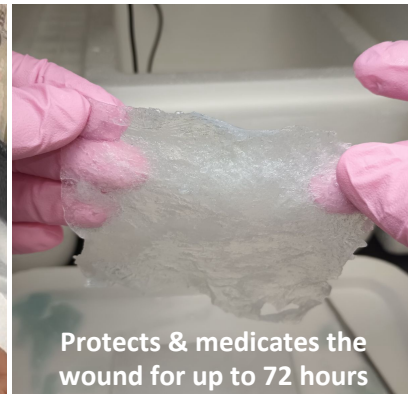
Tissue Healing: accelerate tissue repair

Pain Control: controlled release of analgesics

Broad Bacterial Infection Prevention: Antibiotics for broad bacterial infection prevention

Antibiotic-Resistant Infection Prevention: Phage cocktails effective against multiple, high priority pathogens: *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, *Acinetobacter baumannii*, *Staphylococcus aureus*

Fungal & Biofilm Infection Prevention: Antifungal and biofilm prevention agents.



Stop Bleeding | Prevent Infection | Accelerate Wound Healing | Save Lives



memsel
PHAGE SOLUTIONS FOR A HEALTHIER WORLD™

CAPABILITY STATEMENT

Vision: A World Without Infection
Multi-Functional Formulations and Phage Therapy

TRACTION

Defense Health Agency (DHA) STTR Program

Preventing multi-drug resistant bacteria infection with stabilized **bacteriophages** incorporated into Memsel Point of Need formulation



Domestic Preparedness Support Initiative (DPSI)

Supporting DPSI mission to transfer Memsel TraumaCare360™ to Federal, State, and local first responder communities



Naval Energetic Systems and Technologies (NEST) OTA, in partnership with the National Armaments Consortium (NAC)

NEST RPP: Advanced Biological Defeat Trauma System, CBRN-23-C-001 OTA contract to advance the development of Memsel Advanced Trauma System to Improve Warfighter Readiness



CORPORATE PROFILE

HEADQUARTERS

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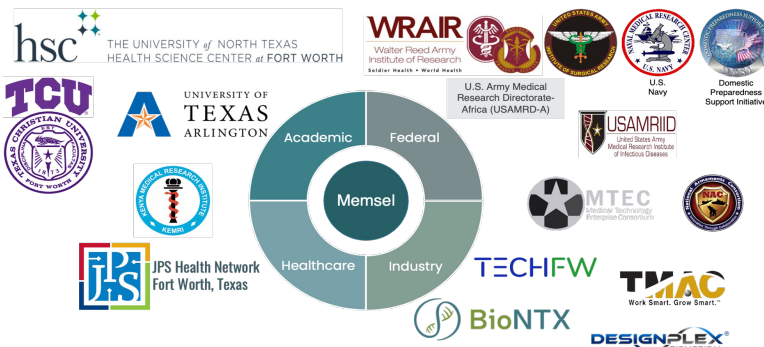
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Set-Asides: Small Business

NAICS & PSC:

- 541713 - R&D Nanotechnology
- 541714 - R&D Biotechnology
- 541715 - Research and Development in the Physical, Engineering, and Life Sciences
- 3391 - Medical Equipment and Supplies Manufacturing

COLLABORATORS



OTA Consortia Memberships



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