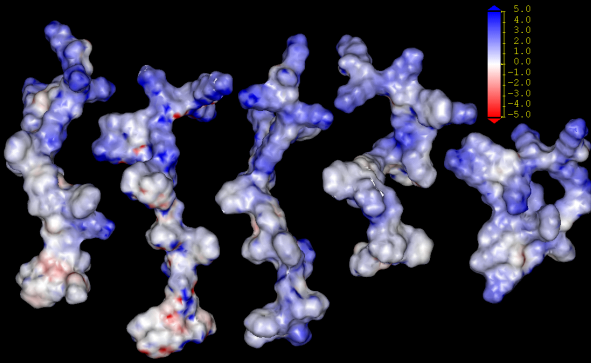



Technology Brief

<h2>Antimicrobial Peptides</h2>		<p>Patent Pending</p>
<h3>OVERVIEW</h3>		
	<p>This discovery includes a series of novel, peptides containing un-natural amino acids with specific 3D physicochemical properties to induce organism selectivity and potency against various types of bacteria.</p>	
<h3>POTENTIAL USES</h3>	<h3>FEATURES/BENEFITS</h3>	
<p>New therapies for prevention, inhibition, and treatment of systemic and topical bacterial infections, wound healing, protection of surgical implants for bone replacement, and protection against biological warfare agents.</p>	<ul style="list-style-type: none"> •New composition of matter •Relatively simple synthesis •Many analogues possible •Novel mechanism of action •Broad spectrum antibiotic •Various routes of administration •Water soluble formulations •Favorable safety profile 	
<h3>DEVELOPMENT STATUS/OPPORTUNITY</h3>		
<p>Development and testing by Army Medical Research & Material Command. More than 50 analogues have been prepared and tested. In-vitro testing performed for a variety of bacterial strains. In-vivo testing for safety and efficacy. Research and development is ongoing. A US Patent Application is pending. Foreign filing is planned. Partners are sought for licensing, development & commercialization.</p>		
	<p><i>Contact for commercialization opportunities</i> Michael Muthig, T2Bridge Project Manager Phone: 252-619-3467 email: muthigm@ctc.com Web site: T2Bridge.com</p>	