

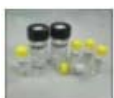

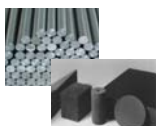



Bio-Medical Material

Product

Item	Description	Application
 <p>AminoLogics</p>	<p><i>Development of Unnatural amino acids and derivatives</i></p> <ul style="list-style-type: none"> • Unnatural amino acids (37), Derivatives (38) [Total : 75] • R&D and Scale-up of Peptide API [5] • R&D of Bu-ARCA Catalyst 	 <p>[API] [Peptide]</p>
 <p>Cellumed</p>	<p><i>Development of Therapeutic proteins for recovery of tissue diseases</i></p> <ul style="list-style-type: none"> • 6 Protein materials (BMP2, BMP4, BMP7, TGFβ1, GDF5, FGF7) • Related medical devices for regeneration of musculoskeletal and skin disease 	 <p>[Therapeutic protein] [Medical device]</p>
 <p>Dentium</p>	<p><i>Development of Biomechanical/functional Implant materials</i></p> <ul style="list-style-type: none"> • Biomechanical: tensile strength >1,000MPa, elastic modulus 80GPa, high durability • Functional : delivering speed <1μg/day, delivering period >6months 	 <p>[Dental implants] [Artificial TMJ]</p>

Insight

Development and commercialization of the above world-leading biomedical materials offers better life to people through managing, diagnosing and curing various disease.