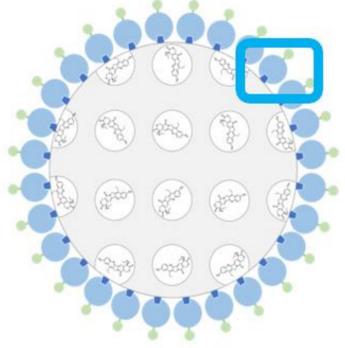
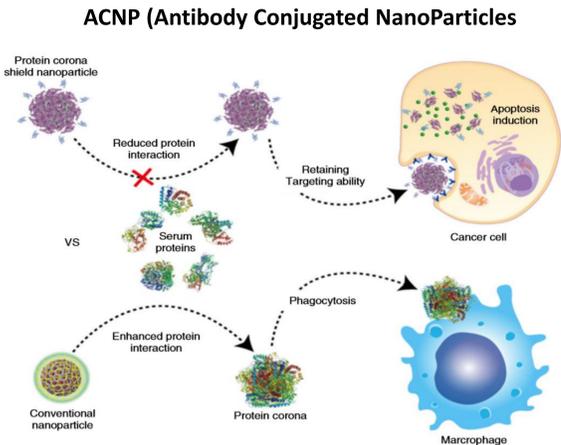
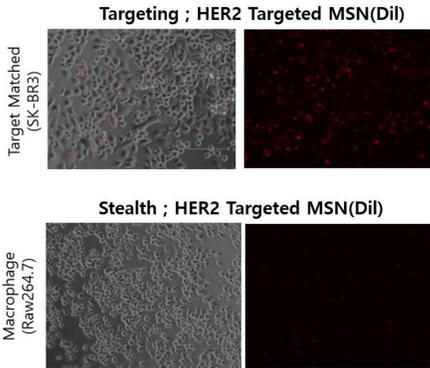
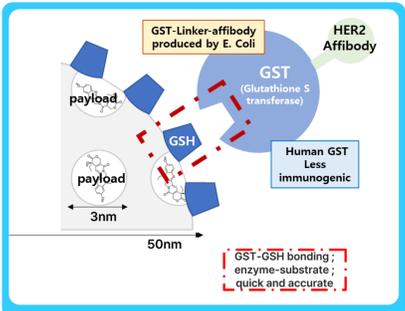
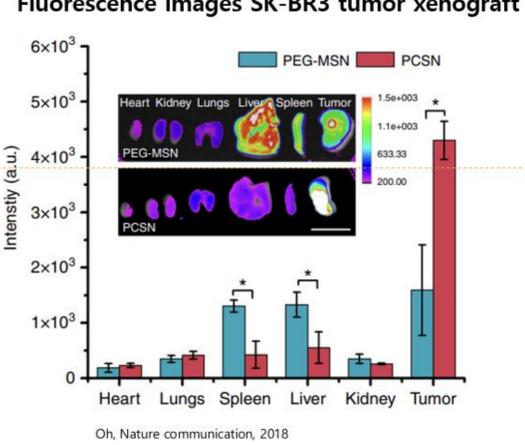
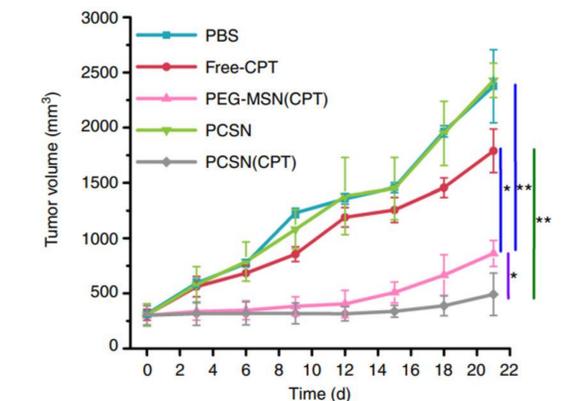


# Develop Anti-Cancer Therapeutics for HER2 low Gastric Cancers by Combining Targeting Peptide and NanoCarrier

KMD Bio Ltd

|                                |  |
|--------------------------------|--|
| <b>Disease area</b>            | <b>Cancer</b>  |
| <b>Product Type</b>            | Drug Delivery System : Antibody Conjugated NanoParticles (ACNP)  |
| <b>Indication</b>              | Stomach Cancer, Breast Cancer, Hepatobiliary Cancer  |
| <b>Target</b>                  | HER2 overexpressed solid cancers, HER2 low (mild/moderate expressed) solid cancers   |
| <b>Mechanism of Action</b>     | Combining Active CancerTargeting (Receptor Mediated Endocytosis) and Passive Cancer Targeting (Enhanced Permeability and Retention)  |
| <b>Competitiveness</b>         | <ol style="list-style-type: none"> <li>Highly effective cancer targeting</li> <li>Deliver exponential number of payload to targeted cancer.</li> <li>Utilize non-favorable payloads either being insoluble or highly toxic to normal cell</li> <li>Expand pipelines by switching targeting peptides and/or payloads</li> <li>Driving synergy by double targeting and dual payloads (loading two different targeting agents and/or payloads)</li> </ol>   |
| <b>Development Stage</b>       | <b>Candidate</b>   |
| <b>Route of Administration</b> | IV   |
| <b>Key Data</b>                | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <p><b>Targeted NanoCarrier</b></p>  </div> <div style="width: 33%;"> <p><b>ACNP (Antibody Conjugated NanoParticles)</b></p>  </div> <div style="width: 33%;"> <p><b>Cancer Targeting &amp; Macrophage Escaping</b></p>  </div> </div> <div style="display: flex; flex-wrap: wrap; margin-top: 10px;"> <div style="width: 33%;"> <p><b>Scheme of ACNP</b></p>  </div> <div style="width: 33%;"> <p><b>Fluorescence images SK-BR3 tumor xenograft</b></p>  </div> <div style="width: 33%;"> <p><b>Tumor growth inhibition in HER2(SK-BR3) Xenograft</b></p>  </div> </div> |
| <b>IP</b>                      | PX230083PCT, 16/767,864 (US), 18884380.9 (UK), 10-2112269(KR)  |