

"NK cell-engaging nanodrones" can selectively target and kill cancer cells"

A groundbreaking study led by Professor Sebyung Kang and Professor Sung Ho Park in the Department of Biological Sciences at UNIST has unveiled a remarkable breakthrough in cancer treatment. The research team has successfully developed unprecedented "NK cell-engaging nanodrones" capable of selectively targeting and eliminating cancer cells, offering a potential solution for intractable types of cancers <https://www.news-medical.net>



Catenane magic: Boosting protein stability and resilience with interlocking rings

This study is led by Prof. Wen-Bin Zhang (College of Chemistry and Molecular Engineering, Peking University & Beijing Academy of Artificial Intelligence) and Dr. Jing Fang (College of Chemistry and Molecular Engineering, Peking University). A single-domain protein catenane refers to two mechanically interlocked polypeptide rings that fold synergistically into a compact and integrated structure, which is extremely rare in nature

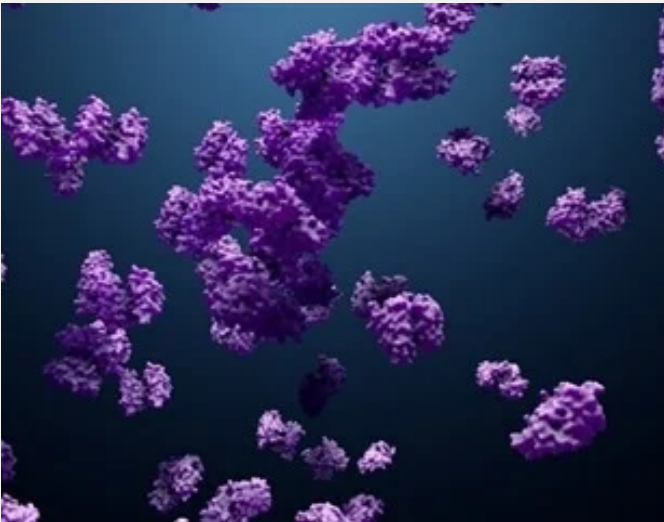
<https://www.news-medical.net>



Microbial decoration enhances drug delivery specificity and safety

Announcing a new publication for *Acta Materia Medica* journal. Microorganisms are mostly distributed on the surface of our skin and intestines and have crucial roles in physiologic and metabolic processes, such as digestion and immunity, which are .closely related to diseases

<https://www.news-medical.net>



Exploiting Enzymes in Cancer Diagnosis and Therapy

Enzymes are proteins that facilitate biochemical reactions by acting as a catalyst, and thus, their expression and activity have a strong influence on the reactions taking place within cells. As enzymes are involved at every stage of cell regulation, a better understanding of their role and function allows them to be exploited in the clinic, both .as diagnostic and therapeutic agents

<https://www.news-medical.net>