Protein Assembly: A New Platform to Develop Biomimetic System

Abstract

Junqiu Liu

Harnessing Unnatural Nucleic Acids for the Expansion of Central Dogma

Designer membraneless organelles in living bacteria

Abstract

Dr. Xiaoxia Xia

Computational design of transmembrane proteins

Abstract

Dr. Peilong Lu

Direct Visualization of Chain Folding and Growth of Lamellae of a Dynamic Helical Poly(phenylacetylene)

Abstract

Abstract

Prof. Yi Cao

Functional Polymer Nanoarrays

Abstract

Abstract

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Living Materials Programmed by Life

Abstract

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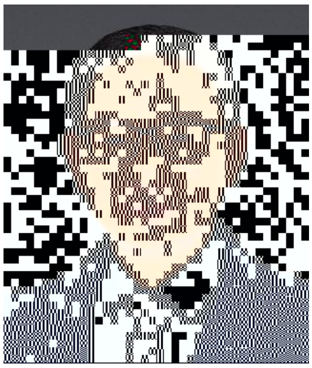

DNA

Abstract

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Coated bacteria and their applications in enhanced therapy

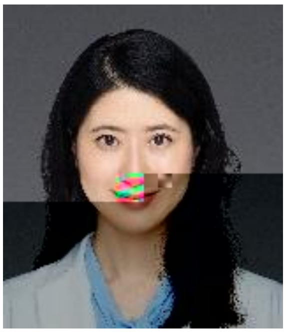
Abstract

Prof. Jinyao Liu

Versatile biomanufacturing through cell-material feedback

Abstract

Dr. Zhuojun Dai



De novo Design and optimization orthogonal and modular cell-cell communication systems

Abstract

Dr. Chunbo Lou

Next generation industrial biotechnology (NGIB) for PHA production

Abstract

Prof. George Guo-Qiang Chen