

NANO · MICRO small



Nanotransducers

The microbial-free bumblebee is a powerful tool to explore the precise control of engineered microbiota. Nanotransducers are fabricated to regulate the engineered bacteria inside the bumblebee gut by two spatiotemporal means, including magneto-thermal and photothermal. This advanced technology lays the foundation for the treatment of bumblebee intestinal parasitic diseases and the elimination of pesticide residues. More details can be found in article number 2301064 by Hao Zheng, Yuan Lu, and co-workers.