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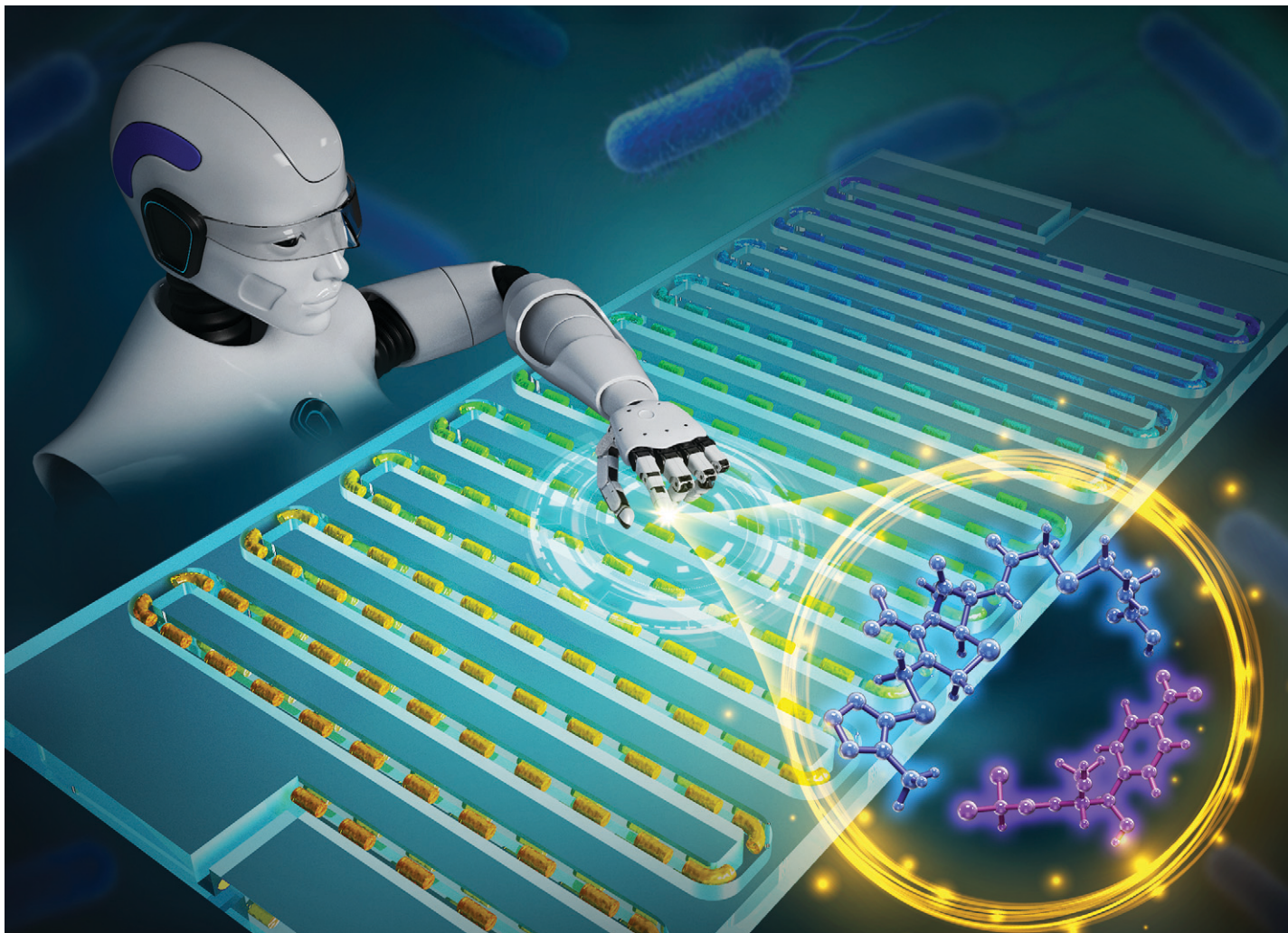
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Showcasing research from Professor Lu Huang's laboratory, School of Biomedical Engineering, Sun Yat-sen University, Guangdong, China.

Artificial intelligence-accelerated high-throughput screening of antibiotic combinations on a microfluidic combinatorial droplet system

An artificial intelligence-accelerated high-throughput combinatorial drug evaluation system (AI-HTCDES) is developed, which not only enables high-throughput production of antibiotic combinations with varying concentrations, but can also automatically analyze the dynamic growth of bacteria under the action of different antibiotic combinations leveraging AI algorithms.

As featured in:



See Jianhua Zhou, Lu Huang *et al.*,
Lab Chip, 2023, **23**, 3961.