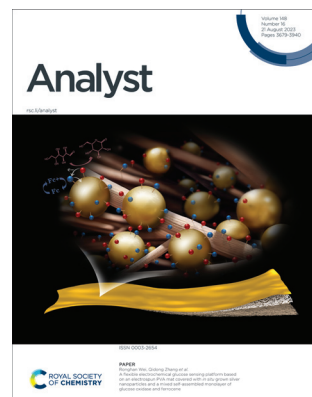


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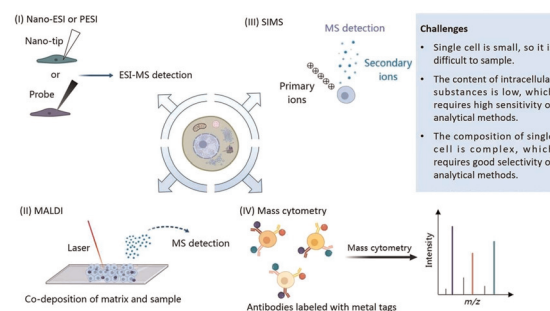
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Mass spectrometry-based techniques for single-cell analysis

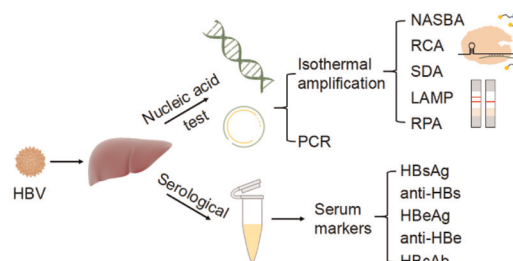
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Huilin Li, Wenjun Song, Hongying Li, Jiaqi Cui,
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Schematic diagram of main methods for hepatitis B detection



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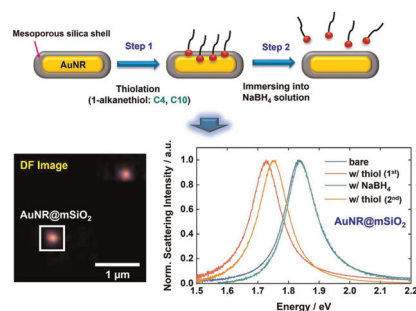


COMMUNICATION

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In situ reversible tuning of chemical interface damping in mesoporous silica-coated gold nanorods via direct adsorption and removal of thiol

Yun A. Hong and Ji Won Ha*

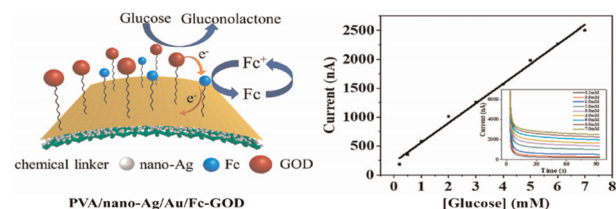


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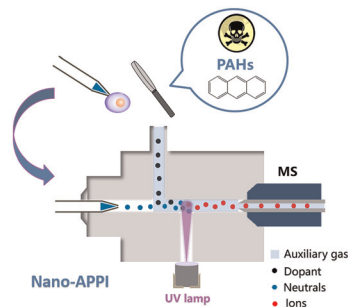
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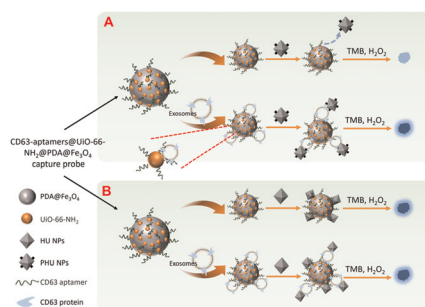
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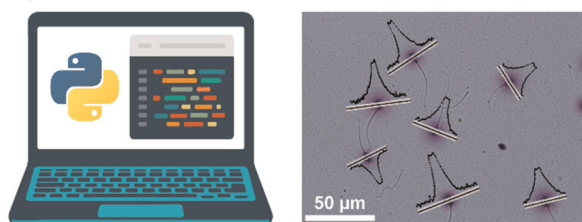
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Wei Li, Huili Wang, Xinxin Ying, Zhen Liang, Jianna Li,* Xiangjuan Chen, Lei Su* and Xueji Zhang*



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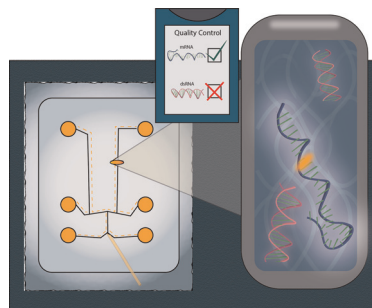


Automated DNA analysis of thousands of sperm cells

High-throughput sperm DNA analysis at the single-cell and population levels

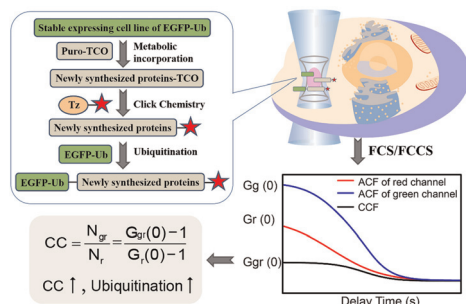
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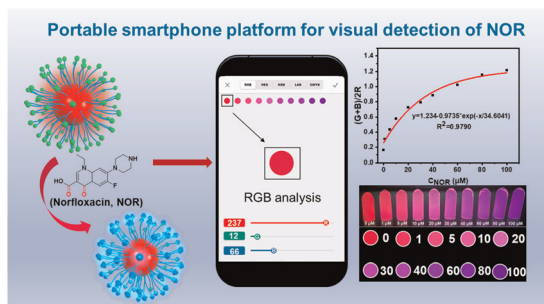
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Xiong Chen, Yuanhang Jiang, Ying Liu and Cheng Yao*

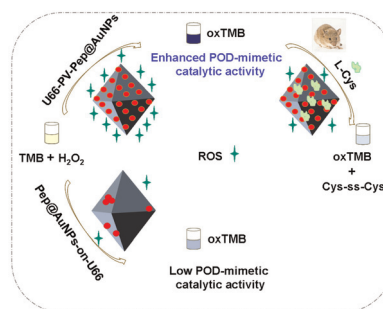


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Enhancing the catalytic performance of MOF-polymer@AuNP-based nanozymes for colorimetric detection of serum L-cysteine

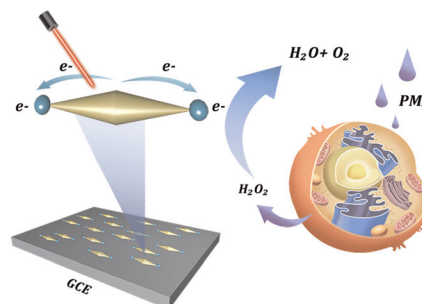
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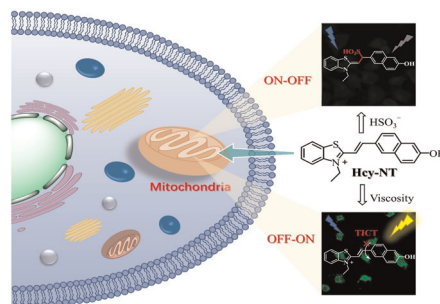
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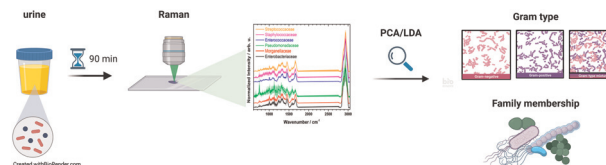
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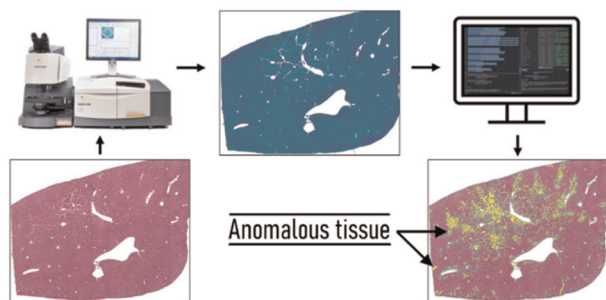
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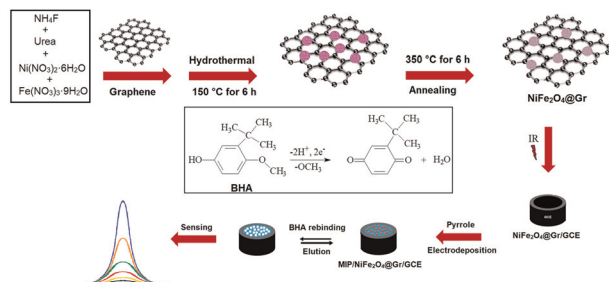
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Weakly supervised anomaly detection coupled with Fourier transform infrared (FT-IR) spectroscopy for the identification of non-normal tissue

Dougal Ferguson,* Alex Henderson,
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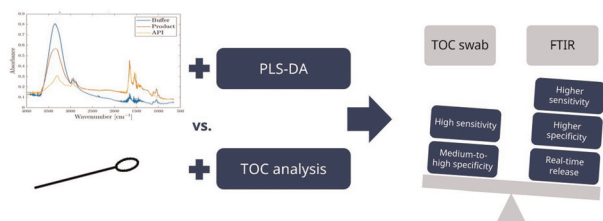
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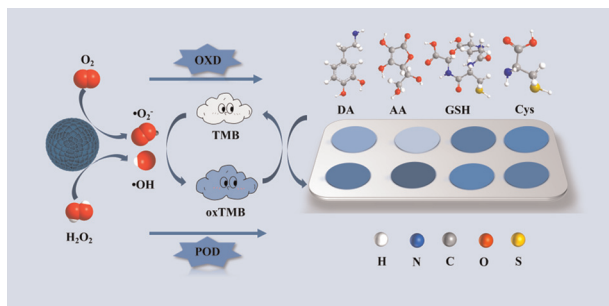
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Handheld FTIR outperforms total organic carbon swab in pharmaceutical cleaning validation

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Colorimetric sensor arrays for antioxidant recognition based on Co₃O₄ dual-enzyme activities

Pingping Hao, Zhenchao Liu, Zhiwei Wang, Min Xie*
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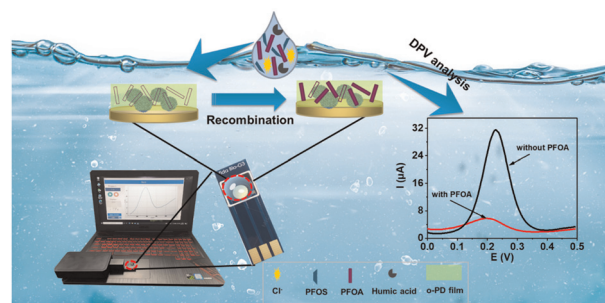


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A portable molecularly imprinted polymer-modified microchip sensor for the rapid detection of perfluorooctanoic acid

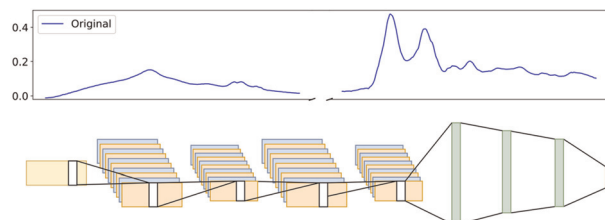
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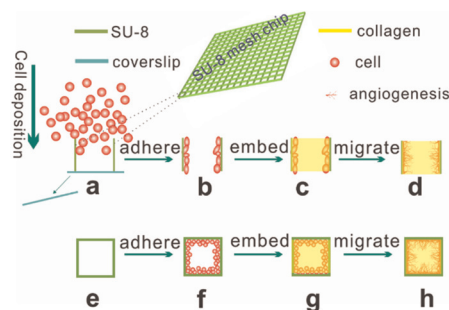
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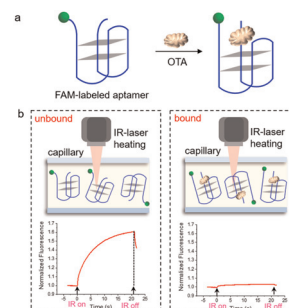
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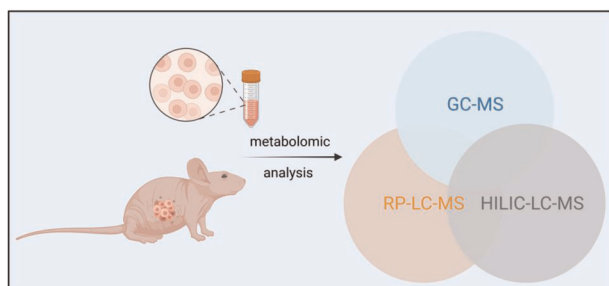
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Sensitive microscale thermophoresis assay for rapid ochratoxin A detection with fluorescently labeled engineered aptamer

Hao Yu and Qiang Zhao*



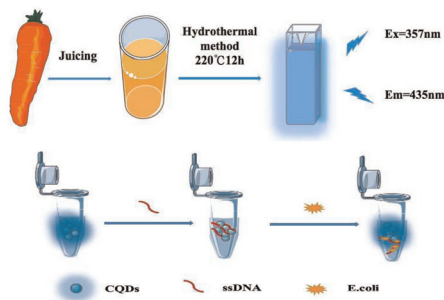
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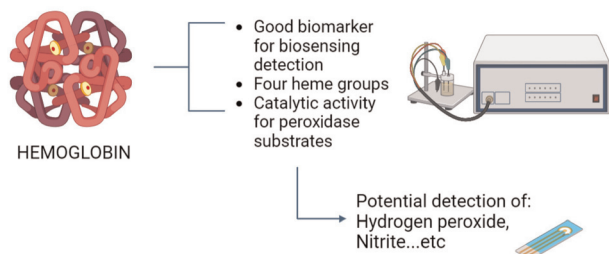
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A fluorescent biosensor based on carbon quantum dots and single-stranded DNA for the detection of *Escherichia coli*

Xiaolian Bai, Lu Ga and Jun Ai*

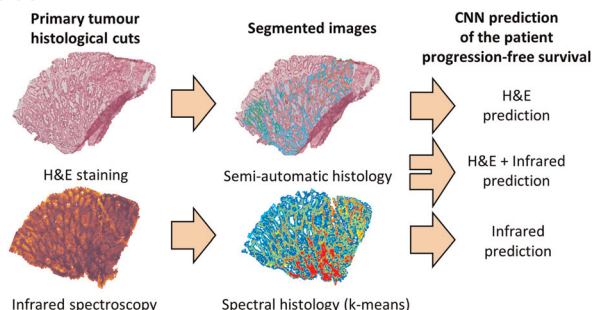
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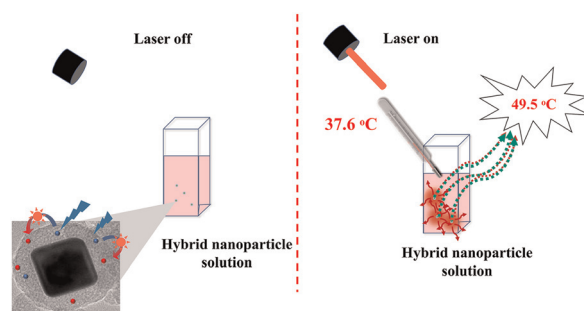


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Tian-Yuan Guo, Hong-Wei Li, Chun-Xia Zhang and Yuqing Wu*

