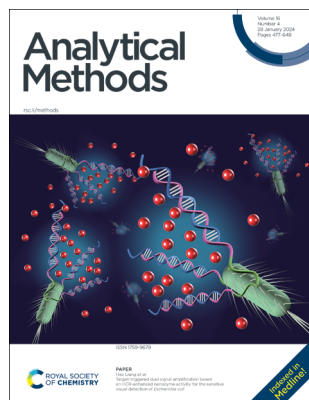


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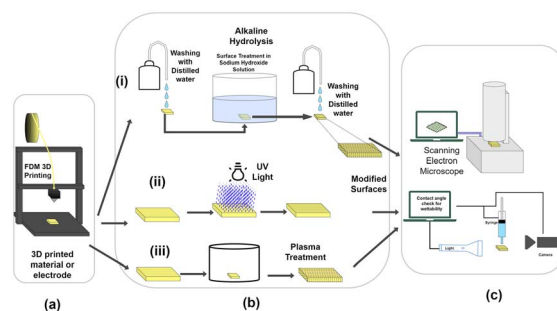
See Hao Liang *et al.*, pp. 496–502. Image reproduced by permission of Hao Liang from *Anal. Methods*, 2024, **16**, 496.

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### A review on the surface modification of materials for 3D-printed diagnostic devices

Mridupaban Deka, Nibedita Sinha, Rajkamal Das, Nihal Kumar Hazarika, Hrishikesh Das, Bethuel Daurai and Manashjit Gogoi\*

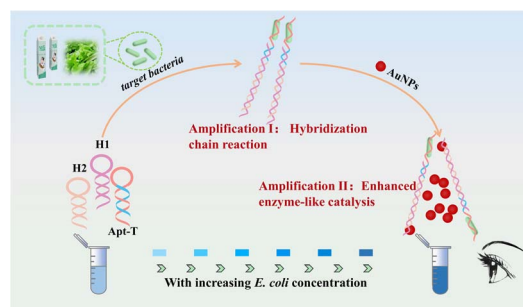


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### Target-triggered dual signal amplification based on HCR-enhanced nanozyme activity for the sensitive visual detection of *Escherichia coli*

Hangli Yan, Linghao Wu, Jingyu Wang, Yi Zheng, Fengxia Zhao, Qinqin Bai, Hongmei Hu, Hao Liang\* and Xiangheng Niu



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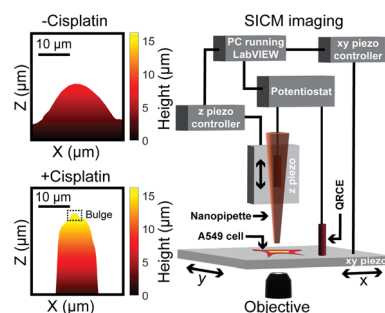
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## Scanning ion conductance microscopy revealed cisplatin-induced morphological changes related to apoptosis in single adenocarcinoma cells

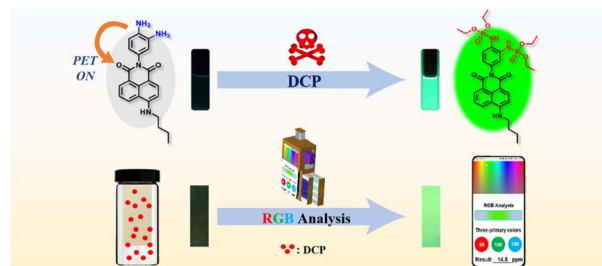
Yusuf Muhammed and Robert A. Lazenby\*



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## A highly sensitive fluorescence probe for on-site detection of nerve agent mimic diethylchlorophosphate DCP

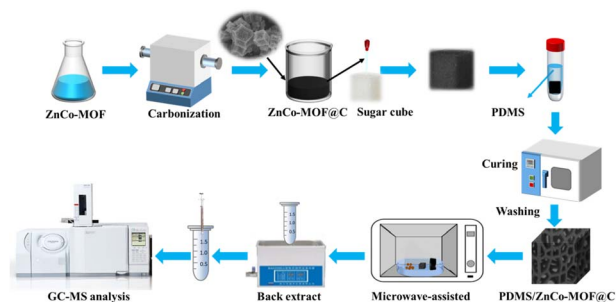
Changzhou Chen, Wei Zhang, Yingjun Ke, Lirong Jiang\* and Xichao Hu\*



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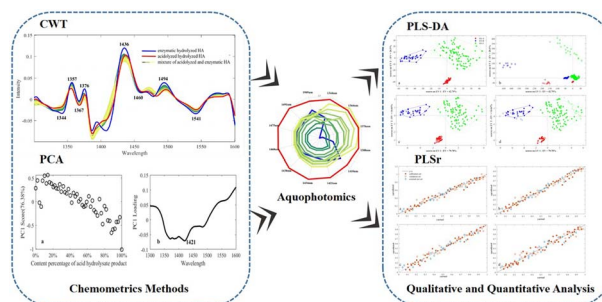
Dandan Li, Jihong Fu,\* Shuxian Ren and Xinxing Jiang



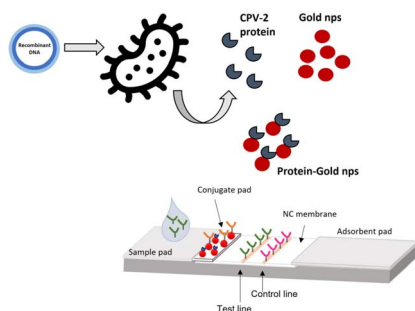
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## Detection and analysis of hyaluronic acid raw materials from different sources by NIR and aquaphotomics

Xiaobo Ma, Xueping Guo, Boran Lin, Haowei Wang, Qin Dong, Siling Huang, Lian Li\* and Hengchang Zang\*



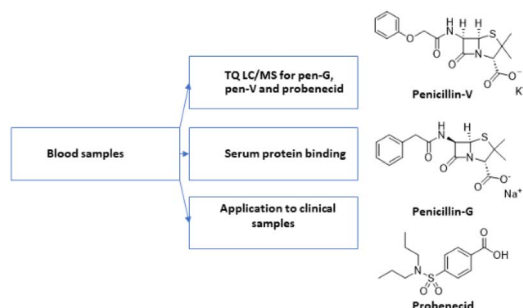
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### A novel lateral flow immunochromatographic assay using a recombinant VP2 antigen for total antibody detection of canine parvovirus-2

Ezgi Salmanli, Tugba Tezcan\* and Taner Karaoglu\*

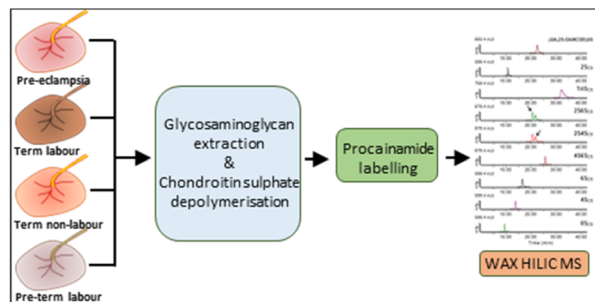
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Alaa Riezk,\* Richard C. Wilson, Anthony E. G. Cass, Alison H. Holmes and Timothy M. Rawson

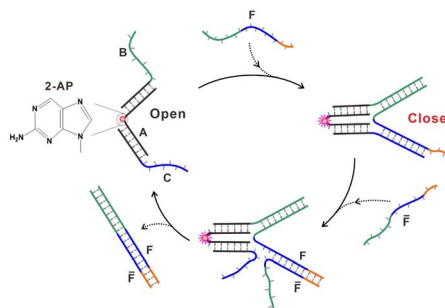
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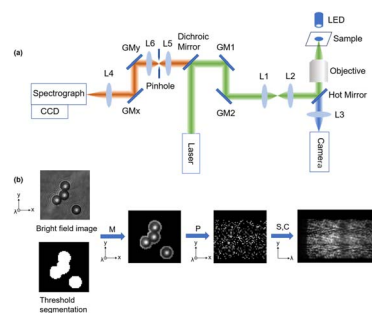
Fangfang Yang, Shuang Li, Jialiang Wu and Shufeng Liu\*



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### Compressive Raman imaging by combining scattering-projection interleaving with context-aware excitation

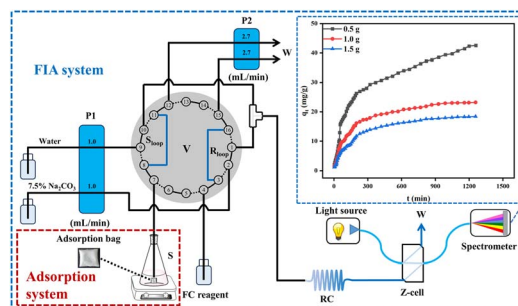
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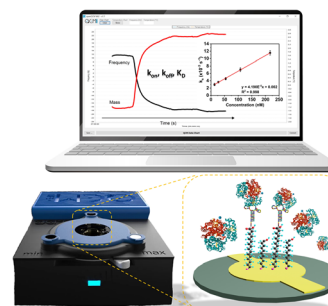
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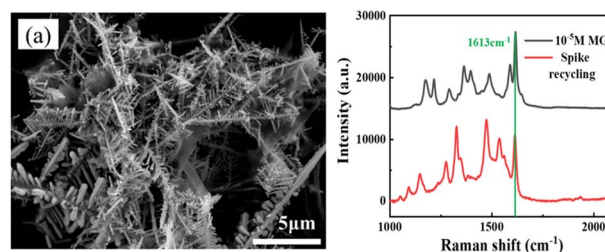
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### A porous silicon composite with irregular silver nano-dendritic particles: a rapid optical sensor for trace detection of malachite green in freshwater fish

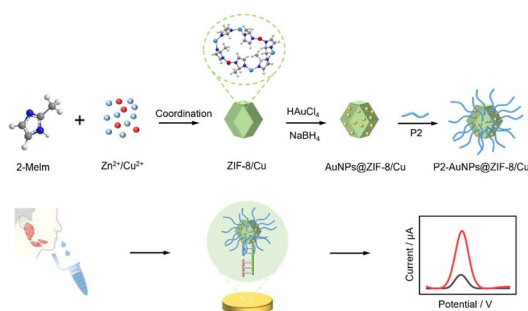
Zhen Liu, Daohan Ge,\* Chengxiang Zhao, Jiakang Shi,  
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## PAPERS

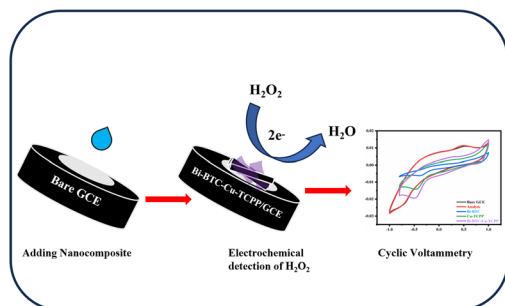
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**Cu<sup>2+</sup>-doped zeolitic imidazolate frameworks and gold nanoparticle (AuNPs@ZIF-8/Cu) nanocomposites enable label-free and highly sensitive electrochemical detection of oral cancer-related biomarkers**

Xueting Hu, Dengxue Qiu, Qi Jiang, Qin Xu and Jing Li\*

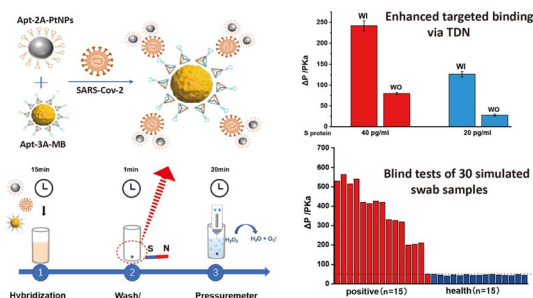
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**Highly efficient electrochemical detection of H<sub>2</sub>O<sub>2</sub> utilizing an innovative copper porphyrinic nanosheet decorated bismuth metal–organic framework modified electrode**

Nandha Gopal Balasubramaniyan and Panneerselvam Perumal\*

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**Enhanced portable detection for Sars-CoV-2 utilizing DNA tetrahedron-tethered aptamers and a pressure meter**

Xingbo Yu, Ying Wang, Kun Wang, Ziyuan Zhu, Lu Xiao, Yishun Huang,\* Yanling Song and Dan Liu\*

## CORRECTION

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**Correction: An impedimetric immunosensor for diagnosis of Brazilian spotted fever in blood plasma**

Marx Osório Araújo Pereira, Álvaro Ferreira Júnior, Edson Silvio Batista Rodrigues, Helena Mulser, Giovanna Nascimento de Mello e Silva, Wallans Torres Pio dos Santos and Eric de Souza Gil\*

