

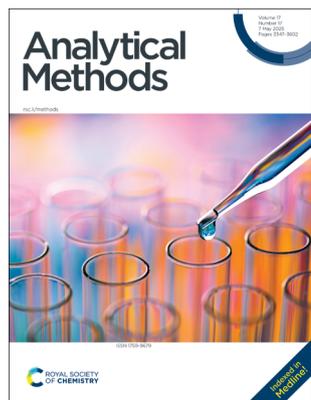
# Analytical Methods

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ISSN 1759-9679 CODEN AMNECT 17(17) 3347–3602 (2025)



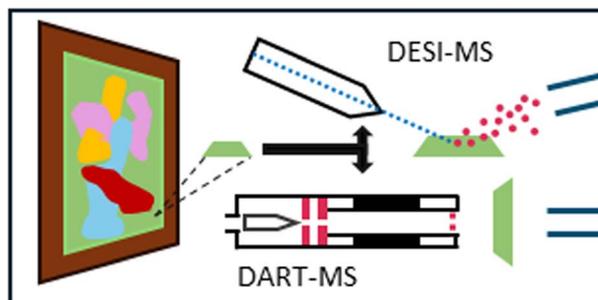
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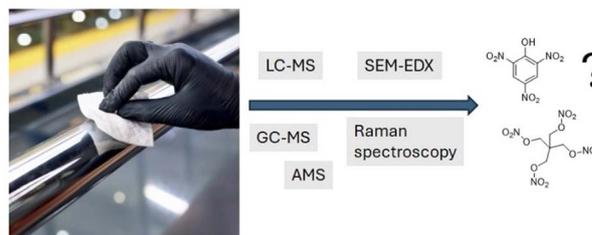
Chiara Vettorazzo, Edith Sandström, Lore G. Troalen,  
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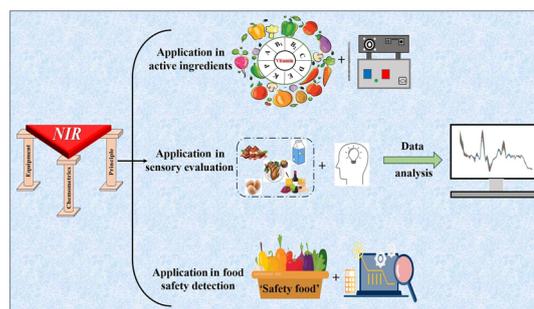
Fundamental questions  
Elemental answers

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Yuxia Xu, Tianyu Kong,\* Yinfei Ma, Yan Zhao, Le Chu and Mingzhu Zheng\*

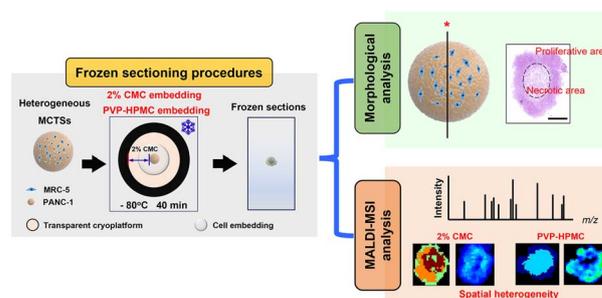


## COMMUNICATION

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## Preparation of multicellular spheroid sections embedded with sodium carboxymethyl cellulose for mass spectrometry imaging

Xin Wang, Xuanton Liu, Chao Zhao,\* Zhiyi Yang, Tianyou Cao, Qian Luo\* and Wei Bian\*

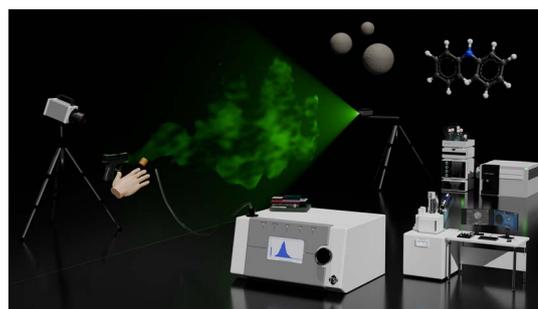


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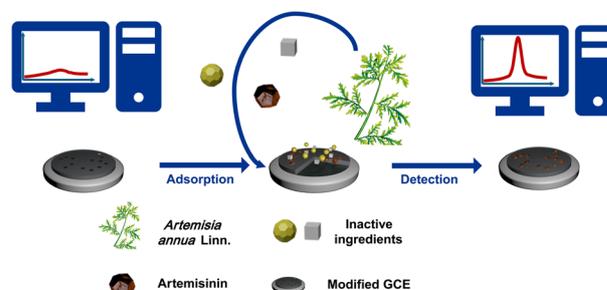
Thomas D. Ledergerber, Matthew Staymates, Kourtney A. Dalzell, Luis E. Arroyo, Roger Jefferys and Tatiana Trejos\*



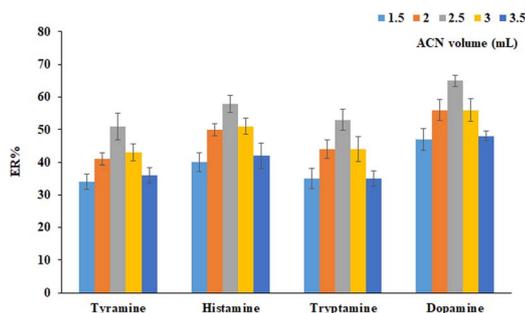
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Jingbo Zhang, Quancheng Chen, Xuemin Gao, Ziqin Suo, Di Wu, Yunxian Zhou, Yingying Zeng, Yanping Li, Yanyun Che\* and Qing Chen\*



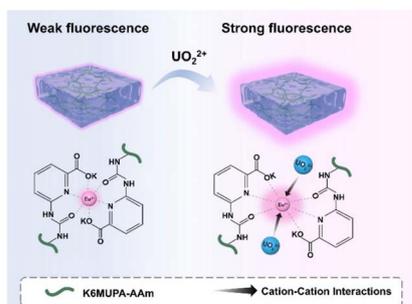
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Mahdi Beheshtian,  
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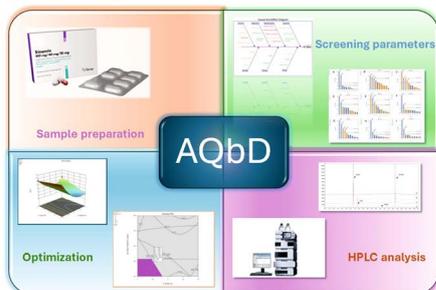
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Yuxiao Wang, Chenyi Deng, Shusen Chen, Yan Song,  
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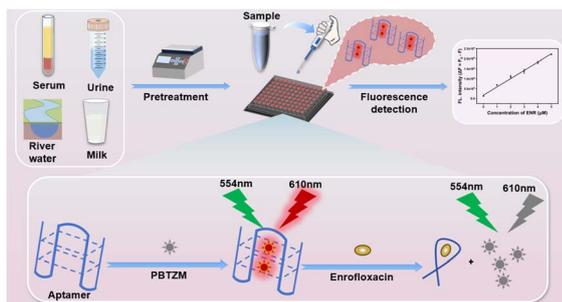
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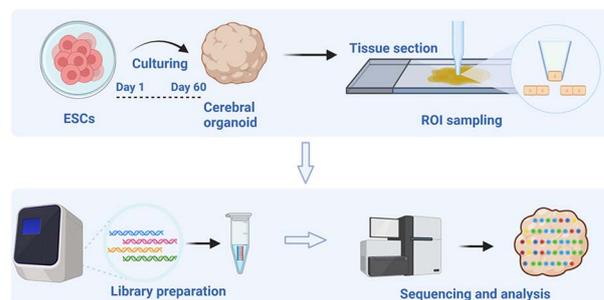
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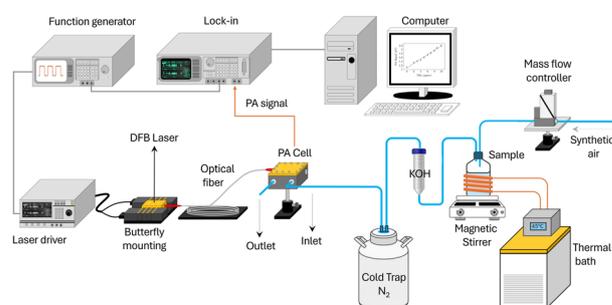
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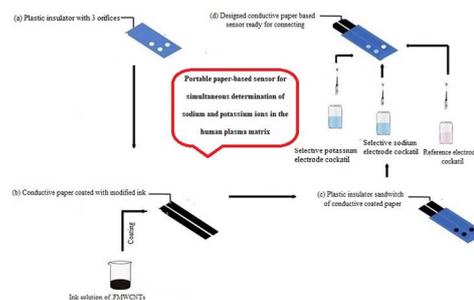
Leticia Andrade Simões Lopes,\* Dominik Clara Luz Lopes, Leonardo Mota,\* Guilherme Rodrigues Lima, Bruno José Rodrigues Alves and Marcelo Gomes da Silva\*



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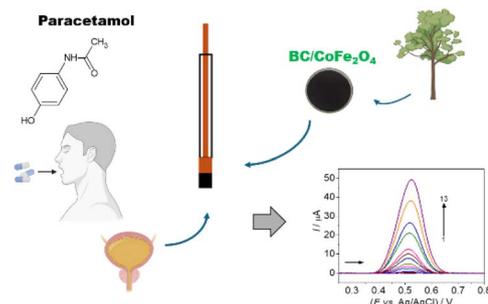
Mohammed Alqarni



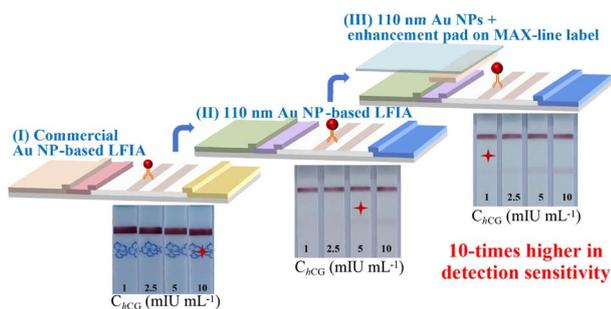
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Noemí Cristina Silva de Souza, Gustavo Alves Puiatti, Gessica do Carmo Dias, Rafael Matias Silva, Renata Pereira Lopes Moreira and Tiago Almeida Silva\*



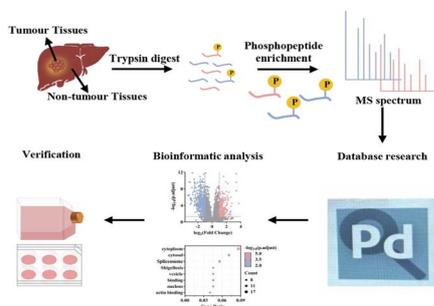
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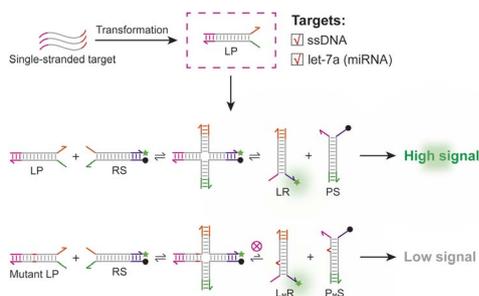
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### Integrated proteomics and phosphoproteomics study reveals the potential tumour suppressive function of PCK2 in hepatocellular carcinoma

Xiao Long, Rong Liu, Meng Zhang, Yannan Wu, Shun Zhang,\* Keqi Tang\* and Hongxia Wang\*

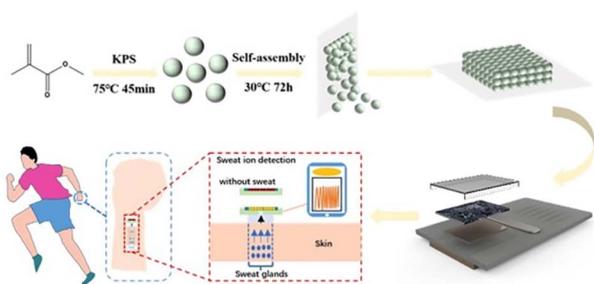
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### Specific fluorescence detection strategy for single-stranded nucleic acids by dual-toehold branch migration

Yu Lin, Yaxing Xie, Guoming Xie, Jianhong Zhang, Ying Yu, Yulei Hou\* and Hui Chen\*

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### A photonic crystal-hydrogel sensor for the monitoring of potassium ions in sweat

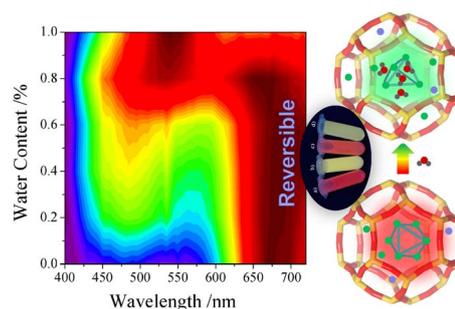
Bing Lin, Irfan Muhammad, Wenxin Zhang, Yifei Wang and Zihui Meng\*



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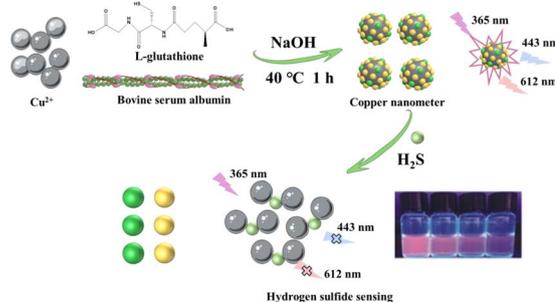
Decui Yao,\* Ningning Yuan, Zhenzhen Miao, Dong Li\* and Jing Yang\*



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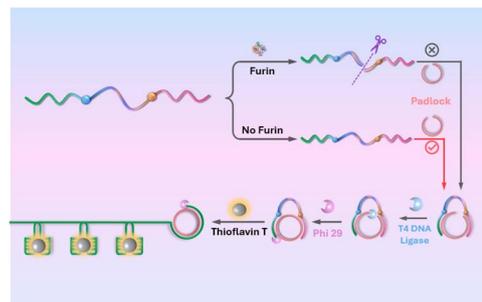
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### Peptide–DNA conjugate-assisted DNA cyclization for highly efficient and sensitive detection of furin

Minghui Wang, Cuifei Chen, Keqin Ying, Lingjun Sha, Deqi Kuang, Yue Huang,\* Jie Yang\* and Tingting Yin\*

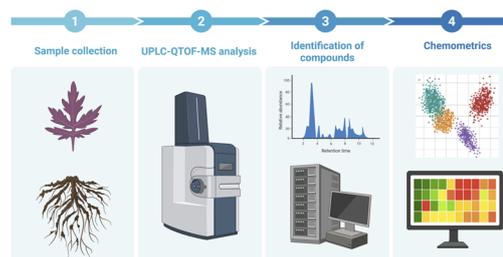


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### Research on chemical constituent differences in wild and cultivated *Arnebia euchroma* by combining UPLC-QTOF-MS with chemometrics

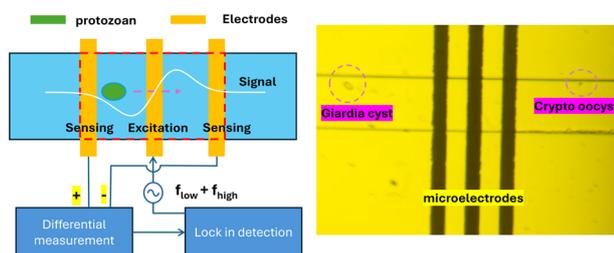
R. Huang, D. X. Wu, R. Wu, N. Yang, F. Wei, S. Y. Dai\* and J. Zheng\*

Research on chemical constituent differences in wild and cultivated *Arnebia euchroma* by combining UPLC-QTOF-MS with chemometrics



## PAPERS

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Yunhao Peng, Bruce K. Gale and Himanshu J. Sant\*

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Yusuke Akagi, Hiroyuki Yamakoshi and Yoshiharu Iwabuchi\*

