

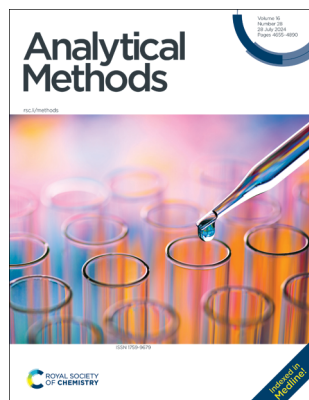
# Analytical Methods

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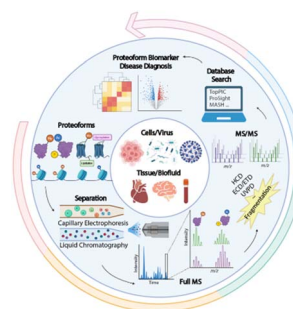
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## CRITICAL REVIEW

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### Mass spectrometry-intensive top-down proteomics: an update on technology advancements and biomedical applications

Tian Xu, Qianjie Wang, Qianyi Wang and Liangliang Sun\*

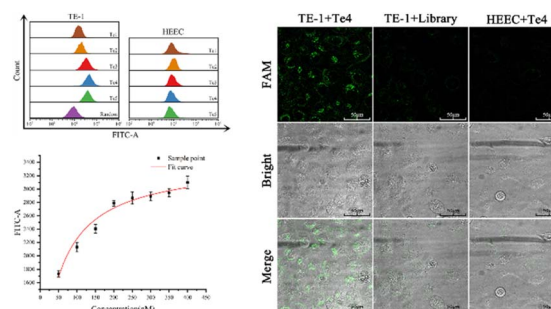


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Baijiang Jin, Gaojian Yang, Zhukang Guo,\* Zhu Chen, Yuan Liu, Song Li, Hui Chen, Yile Fang,\* Yan Deng\* and Nongyue He\*



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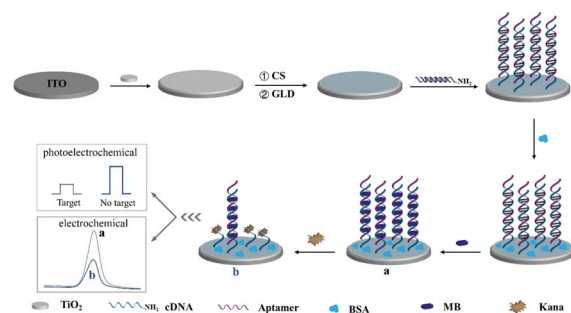
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**Fundamental questions  
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## A novel dual-model photoelectrochemical/electrochemical sensor based on Z-scheme TiO<sub>2</sub> disks/methylene blue for kanamycin detection

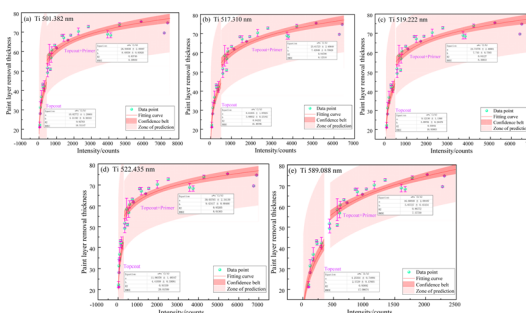
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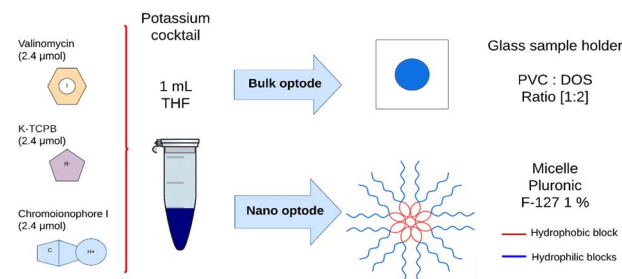
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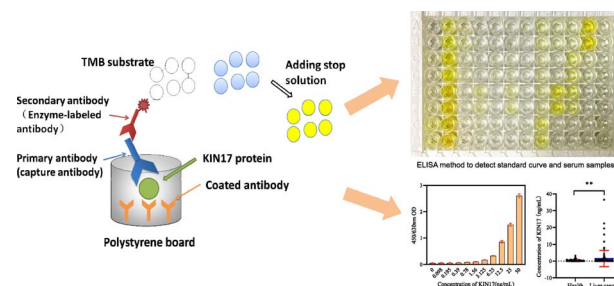
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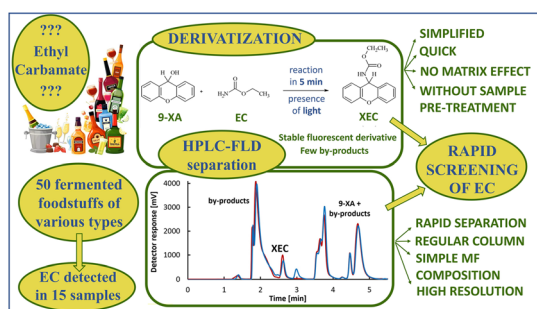
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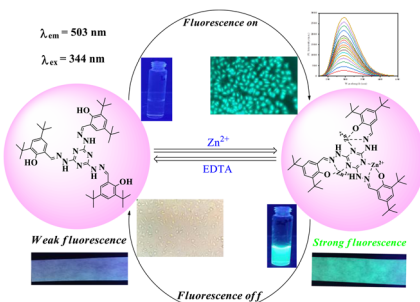
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### A rapid and improved method for the determination of ethyl carbamate in foodstuffs of different matrices

Veronika Šantrůčková, Jan Fischer and Jitka Klikarová\*

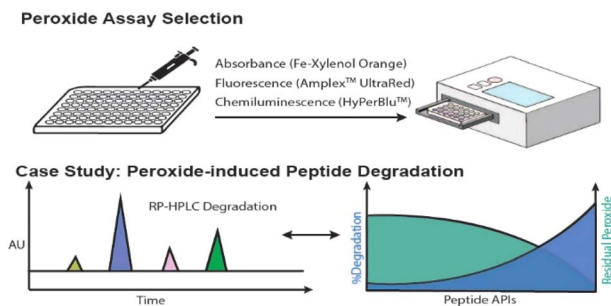
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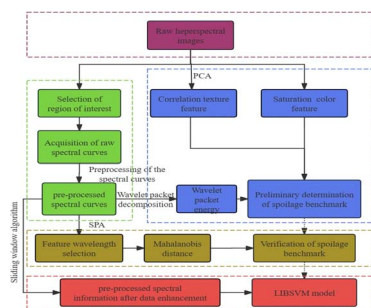
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Kingshuk Dutta,\* Tao Zheng and Evan M. Hetrick

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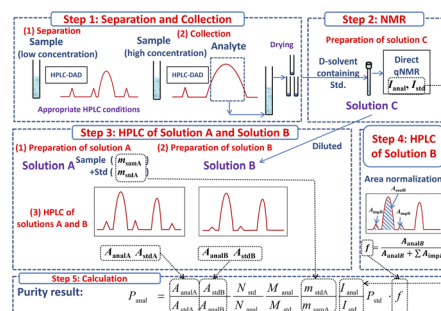
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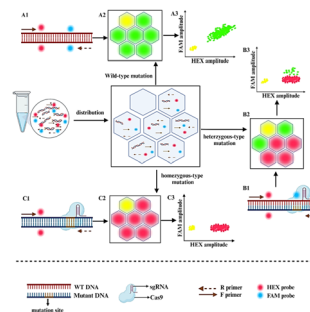
Xueyao Li, Wei Zhang,\* Ting Huang, Ming Li, Fuhai Su, Huaxin Wu and Guangshi Tang\*



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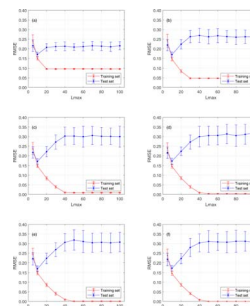
Jingzheng Chi, Lin Ding, Xiaofu Wang, Xiaoyun Chen, Cheng Peng\* and Junfeng Xu\*



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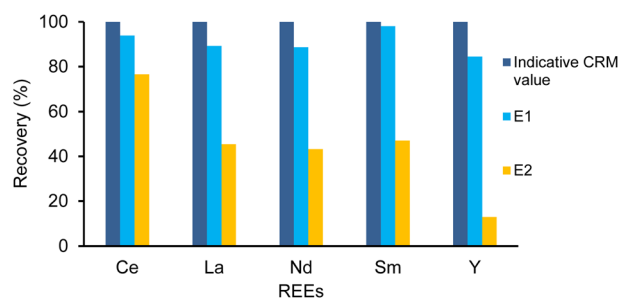
Lixin Zhang, Zhensheng Huang\* and Xiao Zhang



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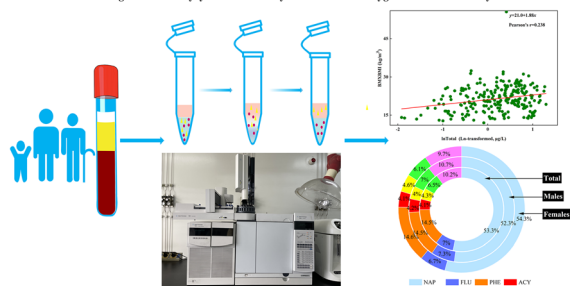
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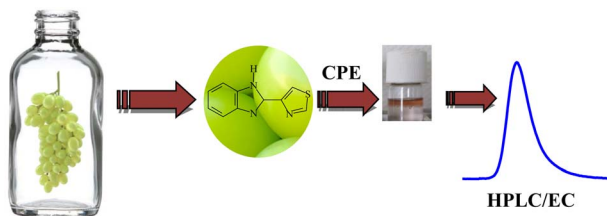
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### Human biomonitoring of serum polycyclic aromatic hydrocarbons and oxygenated derivatives by gas chromatography coupled with tandem mass spectrometry

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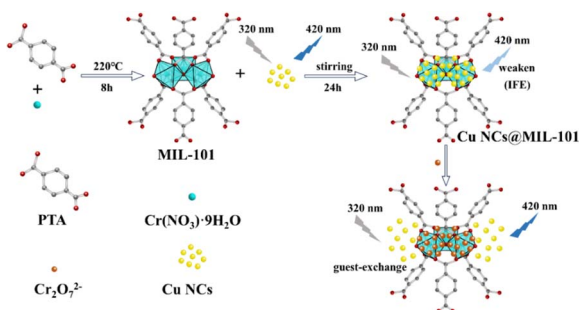
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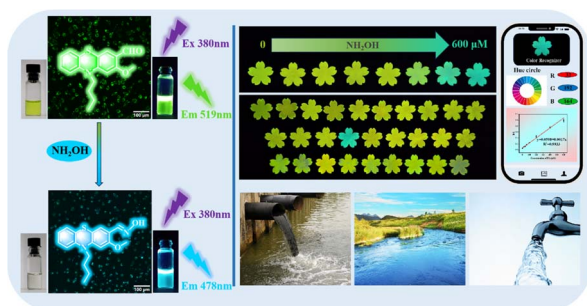
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Huijing Chen, Bo Peng, Ping Zhang, Ying Yang and Xue Hu\*

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Man Du, Haohua Jiang, Meimei Song, Yue Zhang,\* Haijun Lv, Shuchun Zhao, Hongxia Du and Zhipeng Dong\*

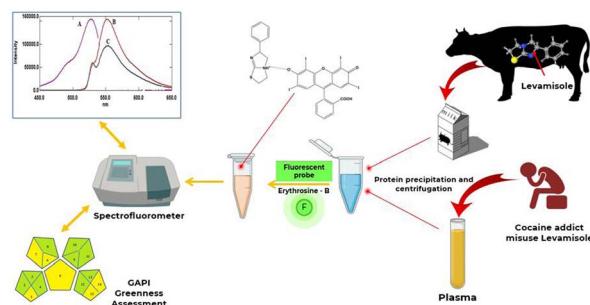


## PAPERS

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### A green, fluorescent probe employing erythrosine-B for tracing the accidental administration of levamisole in milk and plasma samples

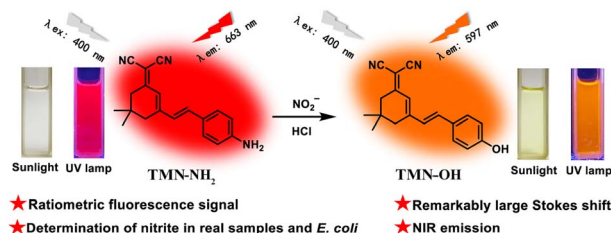
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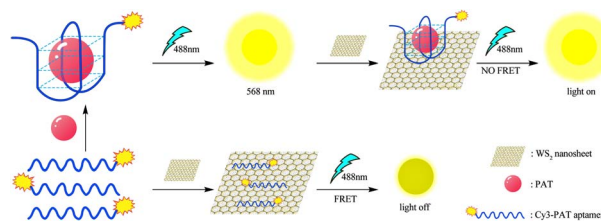
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Guoxin Qin, Huiling Li, Jie He, Haijun Wang, Yongxian Chen, Shuibing Lao, Liang Cheng, Weifan Lu, Lihong Luo, Li Tang, Renfu Mo, Yuning Wei\* and Qifeng Zhou\*



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V. Dharaniprabha, A. Kalavathi, K. Satheeshkumar and Kuppanagounder P. Elango\*

