

Sensors & Diagnostics

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See Hong Xu *et al.*, pp. 9–27.
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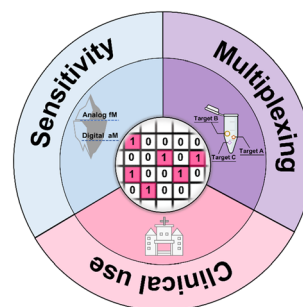
Inside cover
See Darshak R. Trivedi *et al.*, pp. 64–78.
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CRITICAL REVIEW

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Recent progress in digital immunoassay: how to achieve ultrasensitive, multiplex and clinical accessible detection?

Yutong Zhang, Hongchen Gu and Hong Xu*

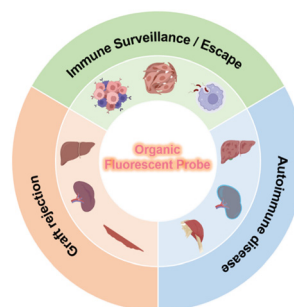


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Organic fluorophore-based fluorescent probes for abnormal immune response diagnosis and treatment evaluation

Shan Zuo, Yanhua Li, Tianbing Ren* and Lin Yuan*



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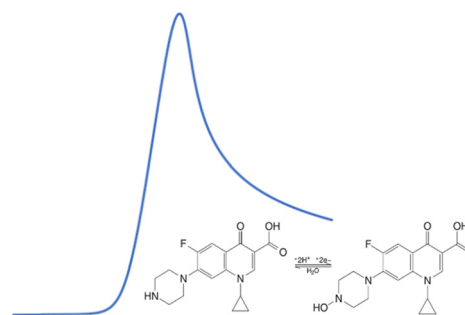


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Electroanalytical overview: the measurement of ciprofloxacin

Robert D. Crapnell, Prashanth S. Adarakatti and Craig E. Banks*

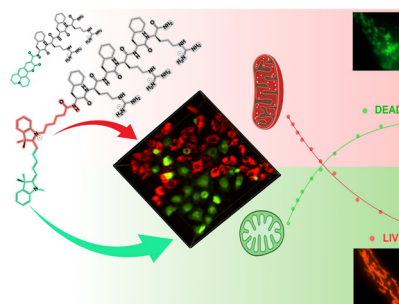


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Unveiling cellular vitality: peptide fluorescent probes illuminate mitochondrial dynamics and ROS activity

Ixsoyen Vázquez-Sandoval, Jasmine Bernal-Escalante, Adriana Romo-Pérez and Arturo Jiménez-Sánchez*

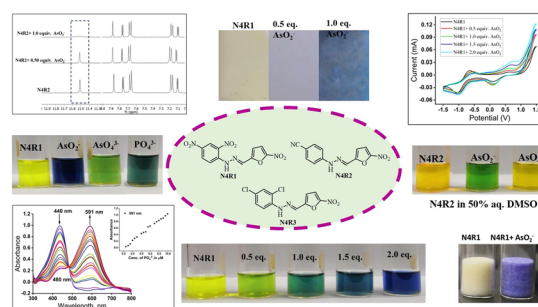


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Development of multi-analyte responsive sensors: optical discrimination of arsenite and arsenate ions, ratiometric detection of arsenite, and application in food and water samples

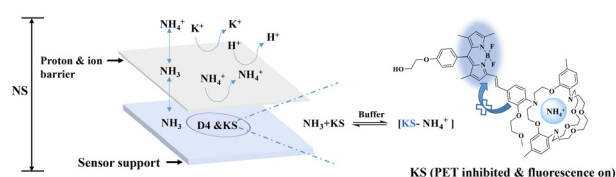
Nagaraj K. A. Nityananda Shetty and Darshak R. Trivedi*



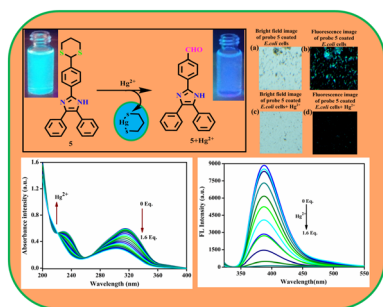
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Highly selective fluorescent sensor for ammonium ions

Min Shen, Tingting Pan,* Yonghao Chen, Juwei Ning, Fengyu Su* and Yanqing Tian*



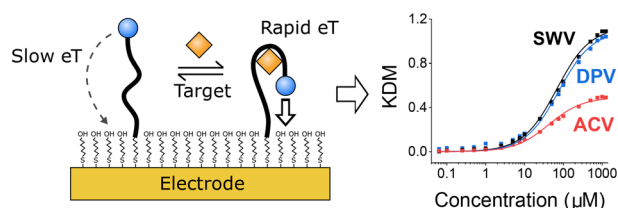
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Turn-off fluorescence of imidazole-based sensor probe for mercury ions

Uma Krishnan, Saravanakumar Manickam and Sathiyarayanan Kulathu Iyer*

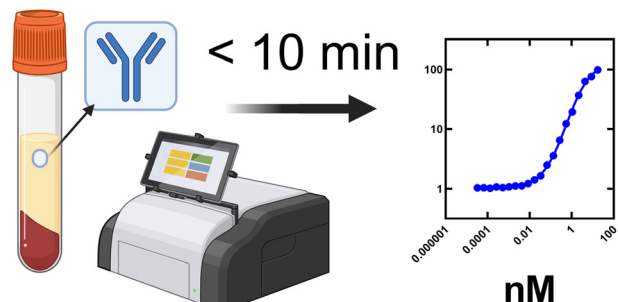
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Comparison of voltammetric methods used in the interrogation of electrochemical aptamer-based sensors

Elsi Verrinder, Kaylyn K. Leung, Murat Kaan Erdal, Lior Sepunaru and Kevin W. Plaxco*

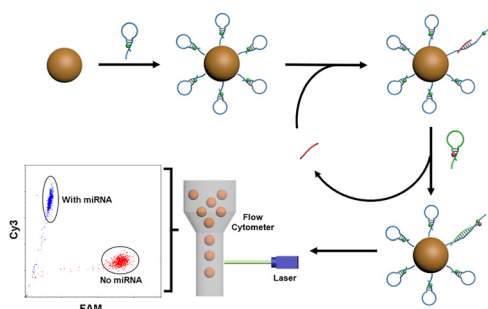
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Therapeutic drug monitoring of immunotherapies with novel Affimer-NanoBiT sensor construct

Emma Campbell, Hope Adamson, Timothy Luxton, Christian Tiede, Christoph Wälti, Darren C. Tomlinson and Lars J. C. Jeuken*

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Bead-enriched catalyzed hairpin assembly for the flow cytometric detection of microRNA via FRET signal readout

Zhengkun Dong, Wenjiao Fan,* Wei Ren and Chenghui Liu*



CORRECTION

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Correction: Real-time, smartphone-based processing of lateral flow assays for early failure detection and rapid testing workflows

Monika Colombo, Léonard Bezingue, Andres Rocha Tapia, Chih-Jen Shih, Andrew J. deMello* and Daniel A. Richards*

