

# Sensors & Diagnostics

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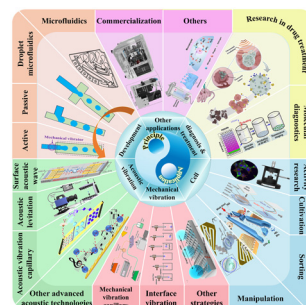
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### Vibration technology-based droplet microfluidic devices for biomedical applications

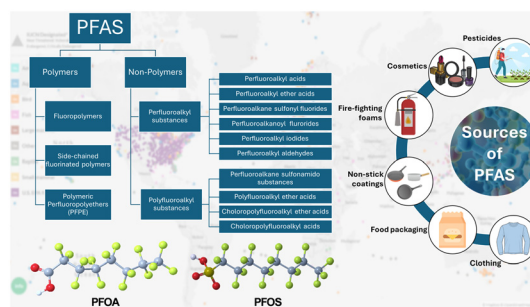
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### Recent progress in current and emerging techniques for the detection of PFAS – the forever chemicals

Vibhas Chugh, Paul Gaskin and Waye Zhang\*





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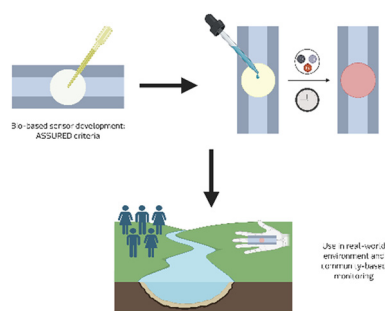


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### From laboratory to community: a perspective on colourimetric membrane sensor technologies for heavy metal monitoring in freshwater

Alessio Polvani, Amedeo Boldrini, Riccardo Gaetano Cirrone, Xinyu Liu, Luisa Galgani, Fiona Regan, Abu Bakar Kamara, Mohamed Sahr E Juanah and Steven A. Loisel<sup>\*</sup>

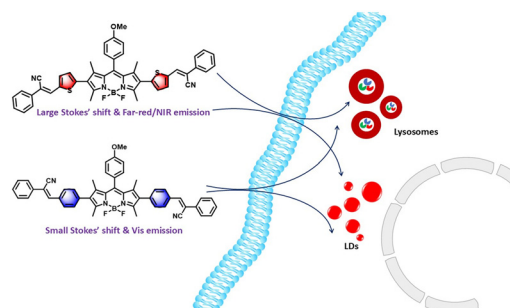


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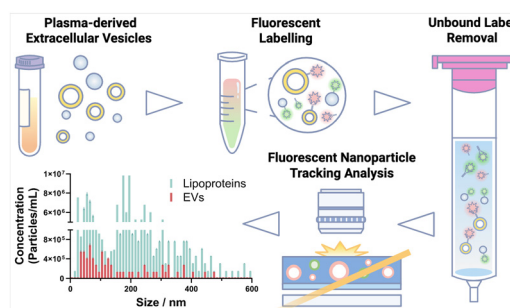
Charutha Kalarikkal, Sarbani Bhattacharjee, Koyeli Mapa<sup>\*</sup> and Chinna Ayya Swamy P<sup>\*</sup>



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### Quantitative single-particle profiling of extracellular vesicles via fluorescent nanoparticle tracking analysis

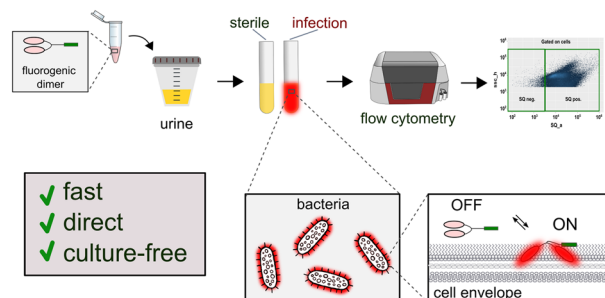
Yiting Liu, Anthony James El-Helou, Bill Söderström, Juanfang Ruan and Ying Zhu<sup>\*</sup>



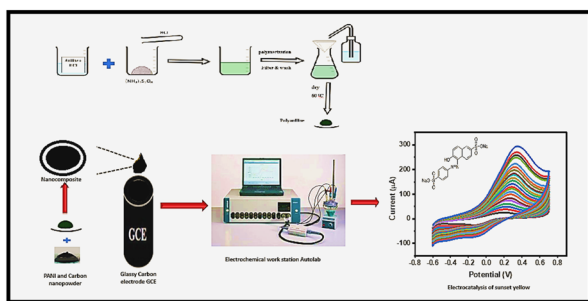
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### Fluorogenic squaraine dimers for the flow cytometry detection of bacterial urinary tract infections

Lucille Weiss, Martijn Visser, Patrick Wagner, Anthony Augé, Océane Florès, Nicola Pordone, Martin Fayolle, Paul O. Verhoeven, Dmytro Dziuba, Dominique Bonnet and Julie Karpenko<sup>\*</sup>



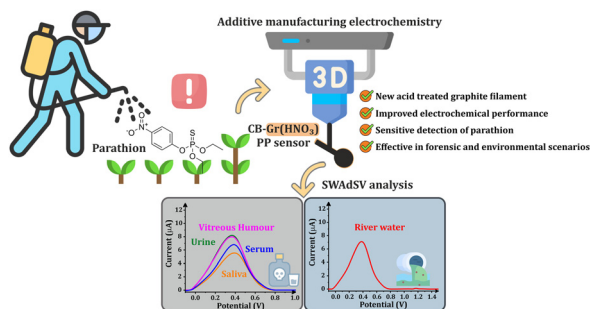
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### Electrochemical sensor for the detection of sunset yellow in food using a polyaniline/carbon nanopowder nanocomposite modified electrode

Judith Letsoalo, Gloria E. Uwaya and Omolola E. Fayemi\*

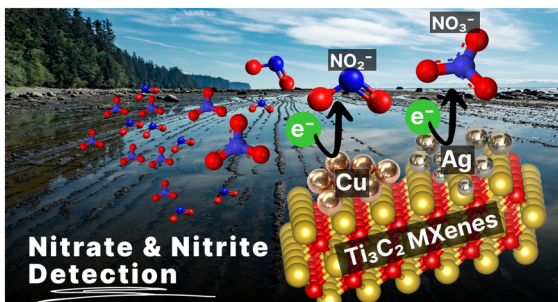
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### Acid-activation enhanced graphite additive manufactured polypropylene sensor for the detection of parathion in forensic and environmental samples

Karen K. L. Augusto, Larissa M. A. Melo, Elena Bernalte, Robert D. Crapnell, Rodrigo A. A. Muñoz, Orlando Fatibello-Filho, Wallans T. P. dos Santos and Craig E. Banks\*

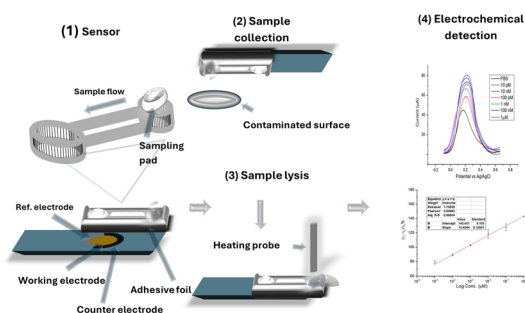
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Vishwanath Ankalg, Mohammed Arkham Belgami, Bhakti Kulkarni, Sang Mun Jeong\* and Chandra Sekhar Rout\*

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### Development of an integrated label-free electrochemical sensor with sample collection for the detection of *Acinetobacter baumannii*

Sallam Al-Madhagi, Souna Elwary, Luay Fawzi Abuqatouseh and Mohammed Zourob\*

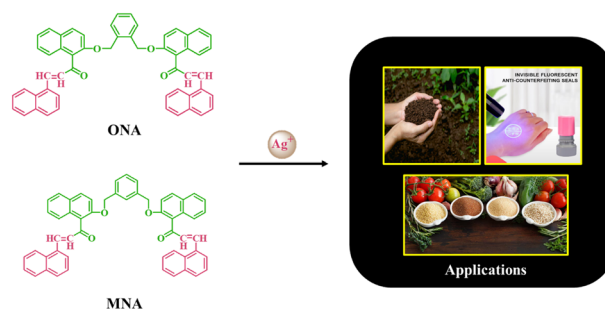


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Narmatha Ganesan, Kavanya Srinivasan, Elizabeth Antony, Jan G. Malecki, Abisha Nancy Sukumar, Abiram Angamuthu,\* J. Prabhu and Raju Nandhakumar\*



## CORRECTIONS

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### Correction: Rapid detection of major Gram-positive pathogens in ocular specimens using a novel fluorescent vancomycin-based probe

Richa Sharma, Harinee Rajagopalan, Maxime Klausen, Mani Vimalin Jeyalatha, Muhammed Üçüncü, Seshasailam Venkateswaran, Appakkudal R. Anand\* and Mark Bradley\*

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### Correction: Diffuse reflectance-based spectroscopic technique for real-time estimation of localized blood oxygenation parameters from human fingertips: a preliminary study

Ajay Kumar, Kalaivani Chellappan, Aulia Nasution, Dnyandeo Pawar, Manoj Kumar Patel and Rajesh Kanawade\*

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### Correction: Noninvasive and point-of-care screening of snoring by breath monitoring using ion-in-conjugation polymer-based humidity sensors

Ze-Kun Chen, Wei-Wei Bai, Ying-Qian Huo\* and Jing-Hui He\*

