

Sensors & Diagnostics

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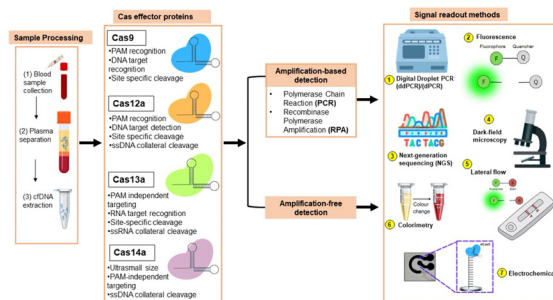
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CRISPR-based diagnostics for circulating cell-free DNA: a paradigm shift in precision oncology

Sakshi Seth* and K. Sudhakara Prasad*

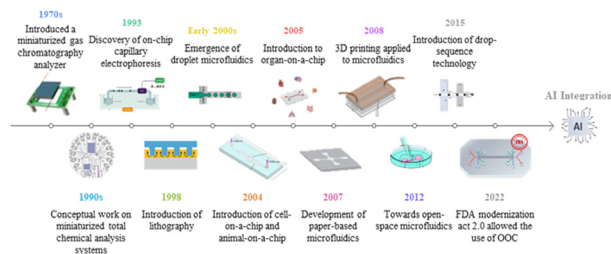


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Lab on chip for medical and clinical applications

Bhagyashree Gupte, Umesh Jadhav, Suresh Gosavi* and Shweta Jagtap*



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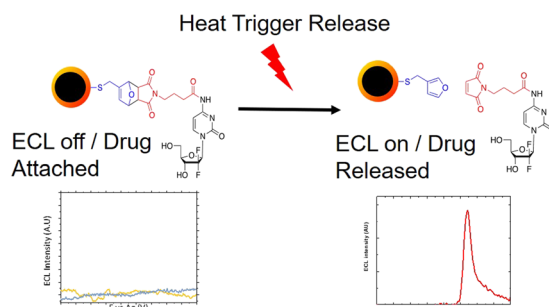


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Towards electrochemical sensing of gemcitabine release from hybrid nanoparticles in pancreatic cancer cells

Adeolu Oluwasanmi, Kelly Brown, Clare Hoskins* and Lynn Dennany*

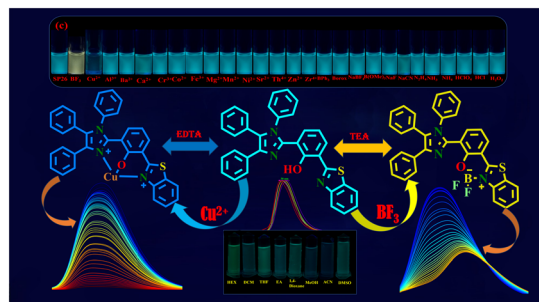


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An imidazole-based fluorescent sensor for selective detection of Cu^{2+} and BF_3 with environmental applications

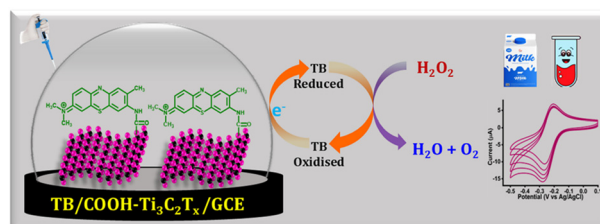
Prakash Seenu and Sathiyarayanan Kulathu Iyer*



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Surface-modified titanium carbide MXene as an effective platform for the immobilization of toluidine blue and H_2O_2 biomarker detection in biological samples

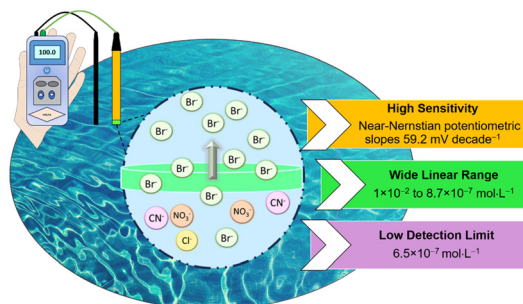
Devarasu Mohanapriya and Kathavarayan Thenmozhi*



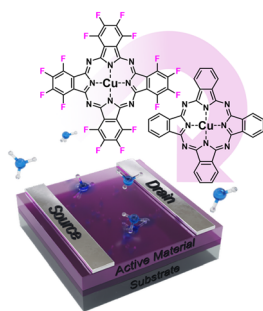
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Use of cobalt(II) and chromium(III) metal-based Schiff base complexes for the preparation of potentiometric sensors to determine bromide at ultra-low concentrations

Mohsin Ali, Kousar Jahan, Jitendra Singh,* Ratnesh Kumar Singh, Sudhir Kumar Shoora, Xu Feng and Yanfeng Yue*



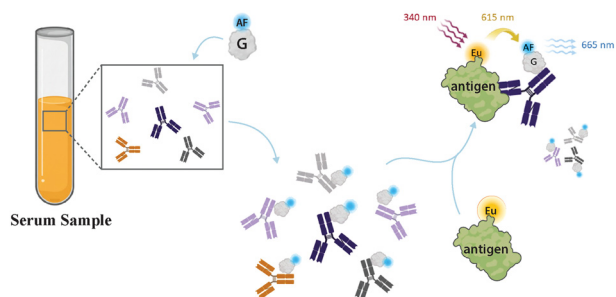
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Gate voltage effect on fluorinated and non-fluorinated copper phthalocyanine OTFT-based ammonia sensors

Sofia Gallardo-Pascual, Benjamin King, Sujithkumar Ganesh Moorthy and Benoît H. Lessard*

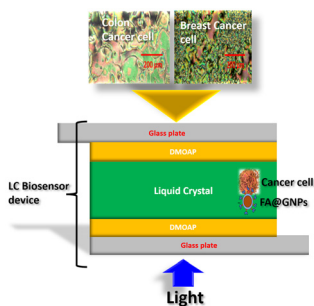
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Walaa A. Bedewy, Claudia C. dos Santos, Marc J. Adler, Guennadi Saiko and Dustin J. Little*

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Liquid crystal-based optical platform for the detection of colon and breast cancer cell lines using folic acid-conjugated gold nanoparticles

Anupama Kadam, Rajendra Patil, Sneha Mahalunkar, Muthupandian Ashokkumar, Ratna Chauhan* and Suresh Gosavi*

