

Sensors & Diagnostics

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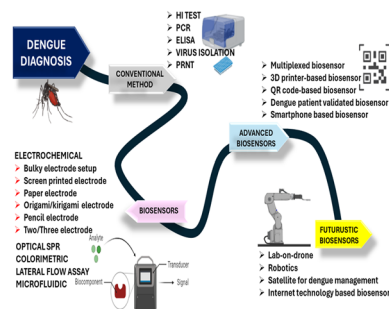
Cover
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CRITICAL REVIEWS

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Dengue-virosensor: advancement of dengue virus-based biosensors

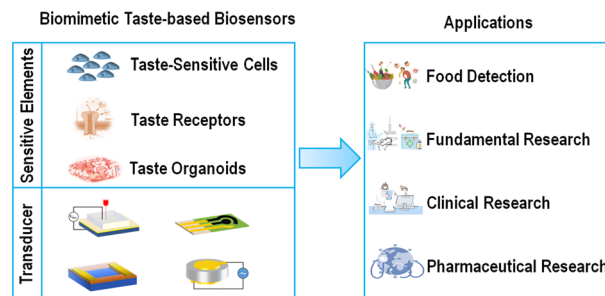
Mohd. Rahil Hasan, Pradakshina Sharma, Sameer Khan, Ubaid Mushtaq Naikoo, Kapil Bhalla, M. Z. Abdin, Nitesh Malhotra, Tejraj M. Aminabhavi, Nagraj P. Shetti and Jagriti Narang*



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Recent advances in biomimetic taste-based biosensors and their applications

Jialu Kang, Jiejing Liu, Yufei Geng, Yuxuan Yuan, Shuge Liu, Yushuo Tan, Liping Du* and Chunsheng Wu*





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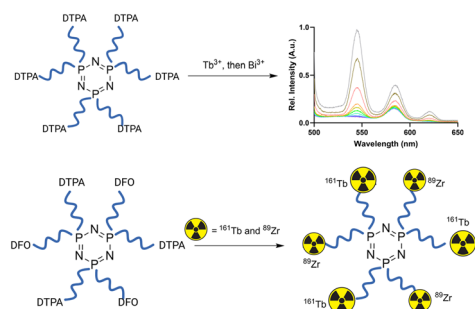
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Pursuing theranostics: a multimodal architecture approach

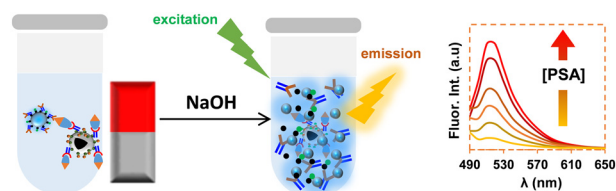
Aidan A. Bender, Connor K. Holiski, Mary Embree, Heather M. Hennkens, John R. Klaehn, Ellie Lundgreen, Andrew G. Roberts, Peter R. Zalupski and Tara Mastren*



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Enrichment of prostate-specific antigen using magnetic-silica antibody nanobioconjugates and fluorescence detection

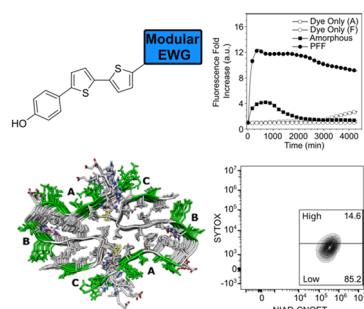
Tumelo Msutu and Philani Mashazi*



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Development of NIAD-4 derivatives for fluorescence-based detection of protein aggregates

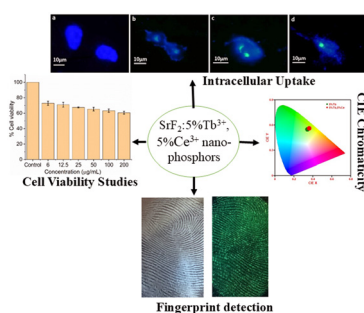
Tze Cin Owyong, Laura E. Shippey, Siyang Ding, David S. Owen, Shouxiang Zhang, Jonathan M. White, Wallace W. H. Wong, David P. Smith and Yuning Hong*

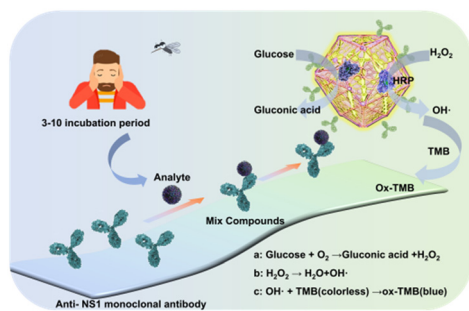


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Biocompatible luminescent Ce³⁺-sensitized SrF₂: Tb³⁺ for anticounterfeiting and forensic fingerprint detection

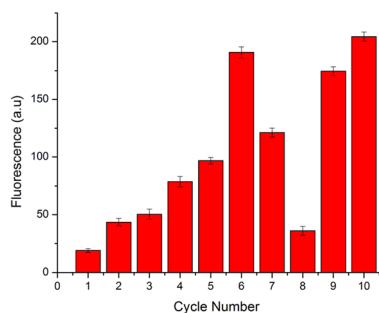
Dhanapriya Devi Yengkhom, Henasurkishore Oinam, Silvia Thongbram, Rajkumar Sunil Singh, Naorem Shanta Singh* and Ningombam Yaiphaba*





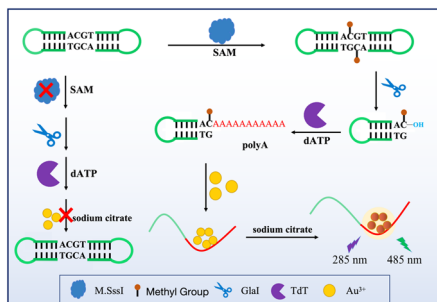
In situ amplified colorimetric immunoassay coupled with a dual-enzyme-functionalized UiO-66(Ce) framework for quantitative detection of the dengue virus

Luanfeng Lin, Xiangqun Fan, Yinmei Yan, Ting Lin, Xiao Han, Dianping Tang and Lifan Han*



Selection of ssDNA aptamers and construction of an aptameric electrochemical biosensor for detecting *Giardia intestinalis* cyst protein

Mohammed Alhindawi, Amina Rhouti, Rahmah Noordin, Dana Cialla-May, Jürgen Popp and Mohammed Zourob*



Construction of DNA template sequences to generate fluorescent gold nanoclusters for the sensitive detection of DNA methyltransferase activity bioassay

Fangyu Zhou, Hui Chen, Tingting Fan, Zixia Guo, Xiangyan Dong and Feng Liu*

Expression of concern: Sensing of COVID-19 spike protein in nasopharyngeal samples using a portable surface plasmon resonance diagnostic system

Hiba Saada, Quentin Pagneux, James Wei, Ludovic Live, Alain Roussel, Alexis Dogliani, Lycia Die Morini, Ilka Engelmann, Enagnon Kazali Alidjinou, Anne Sophie Rolland, Emmanuel Faure, Julien Poissy, Julien Labreuche, Gil Lee, Peng Li, Gerard Curran, Anass Jawhari, Jhonny A. Yunda, Sorin Melinte, Axel Legay, Jean-Luc Gala, David Devos, Rabah Boukherroub and Sabine Szunerits*

