

Sensors & Diagnostics

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A holistic pathway to biosensor translation

Laena D'Alton, Dênio Emanuel Pires Souto,
Chamindie Punyadeera, Brian Abbey,
Nicolas H. Voelcker, Conor Hogan and Saimon M. Silva*

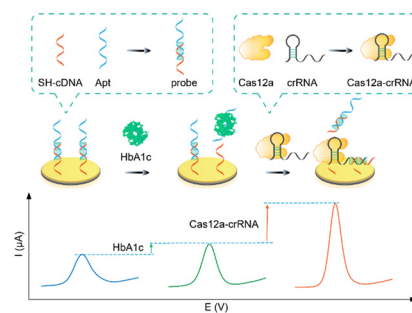


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A CRISPR-amplified label-free electrochemical aptasensor for the sensitive detection of HbA1c

Jianfeng Ma, Youwei Zheng, Yaoyao Xie, Dan Zhu,
Lianhui Wang* and Shao Su*



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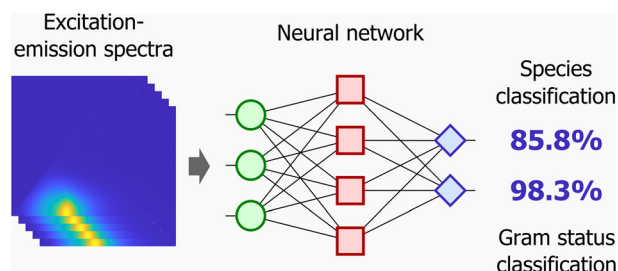
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Fast and accurate identification of pathogenic bacteria using excitation–emission spectroscopy and machine learning

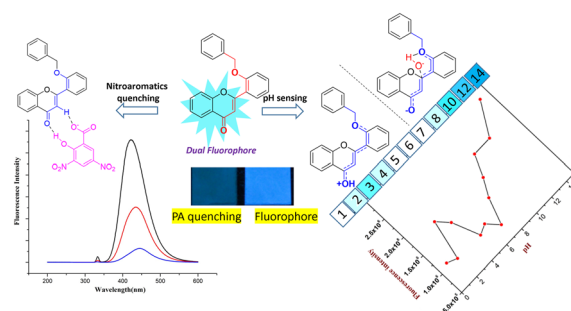
Jacob Henry, Jennifer L. Endres, Marat R. Sadykov, Kenneth W. Bayles and Denis Svechkarev*



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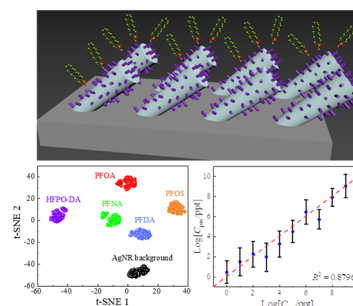
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Ultra-sensitive detection of PFASs using surface enhanced Raman scattering and machine learning: a promising approach for environmental analysis

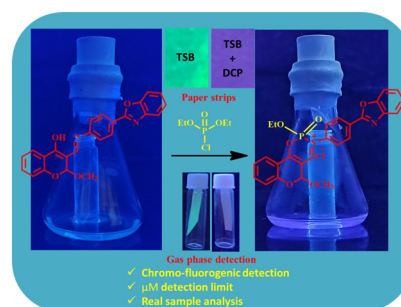
Joshua C. Rothstein, Jiaheng Cui,* Yanjun Yang, Xianyan Chen and Yiping Zhao*



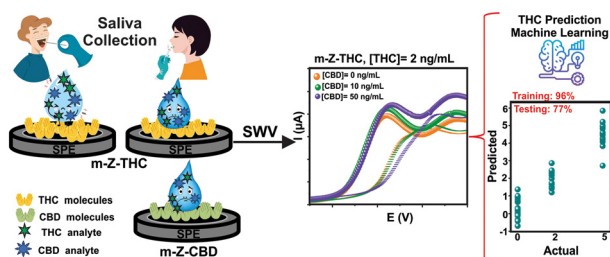
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Tuhina Sultana, Manas Mahato, Sabbir Ahamed, Najmin Tohora, Jyoti Chourasia, Shreya Ali and Sudhir Kumar Das*



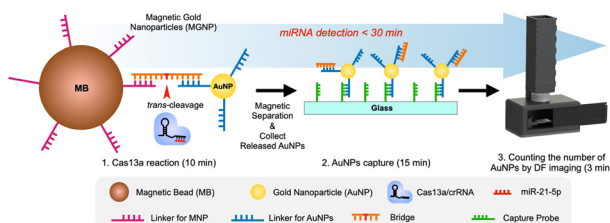
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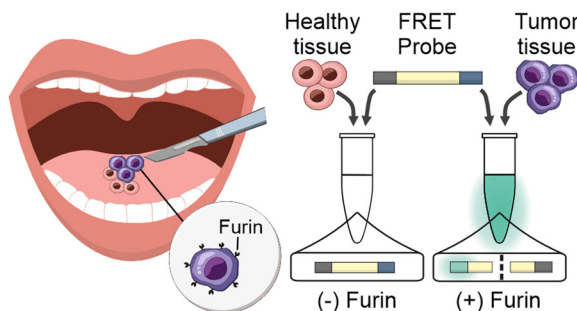
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CRISPR/Cas13a-assisted amplification-free miRNA biosensor via dark-field imaging and magnetic gold nanoparticles

Jae-Jun Kim, Jae-Sang Hong, Hyunho Kim, Moonhyun Choi, Ursula Winter, Hakho Lee and Hyungsoon Im*

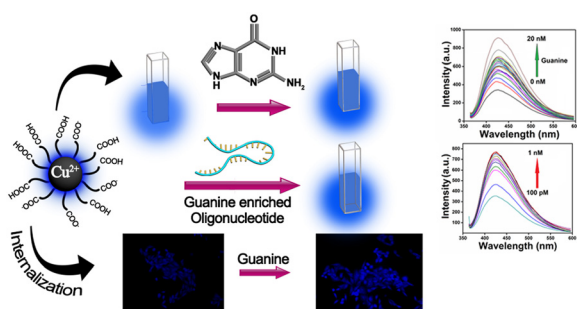
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Debora Reinhardt, Björn ter Mors, Marc D. Driessen, Marcus Gutmann, Julian Faber, Lukas Haug, Anna-Maria Faber, Anna Herrmann, Prisca Hamm, Tessa Lühmann, Christian Linz* and Lorenz Meinel*

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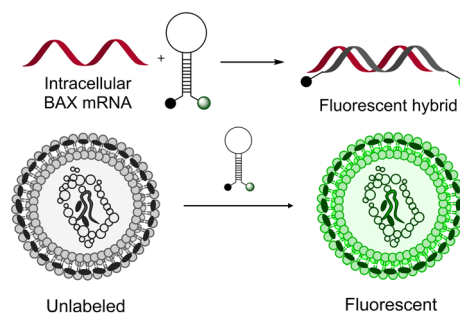
Monalisa Chowdhury, Debolina Basu and Prasanta Kumar Das*



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Yiwei Liu, Shumin Feng, Ruoxi Zhong, Yuanchang Peng, Guoyuan Mu, Jiayi Bai, Wei Chen* and Zhan Qu*

