

# Sensors & Diagnostics

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See Vagner Bezerra dos Santos, Carlos D. Garcia *et al.*, pp. 1467-1475.

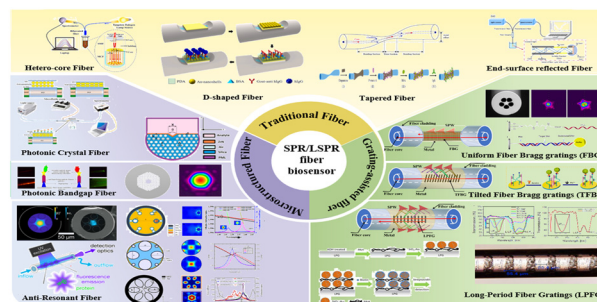
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### Recent advances of optical fiber biosensors based on surface plasmon resonance: sensing principles, structures, and prospects

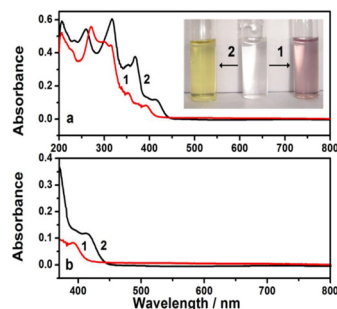
Jingwei Lv, Jianxin Wang, Lin Yang, Wei Liu, Haihao Fu, Paul K. Chu and Chao Liu\*



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P. C. Pandey,\* Atul Kumar Tiwari and Roger J. Narayan\*



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Elemental answers

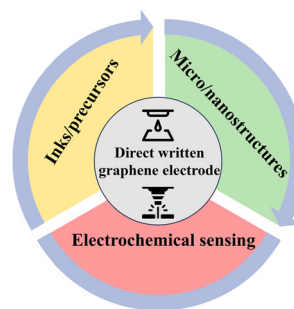


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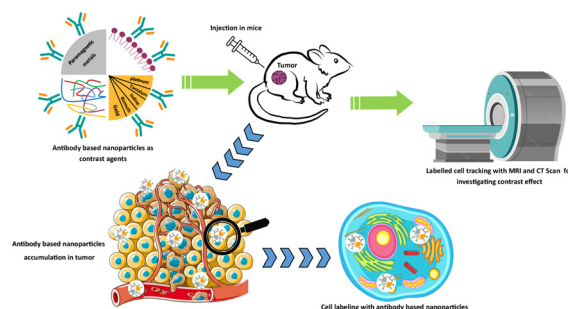
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Saba Abaei, Ali Tarighatnia, Asghar Mesbahi and Ayuob Aghanejad\*

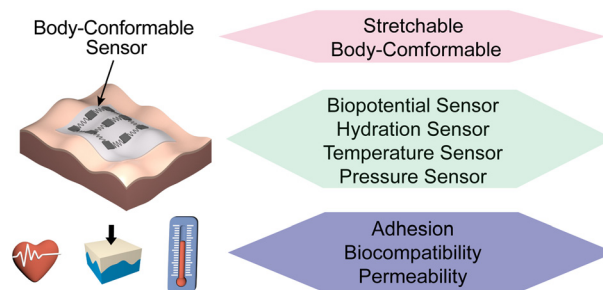


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Yong Lin, Weijie Qiu and Desheng Kong\*

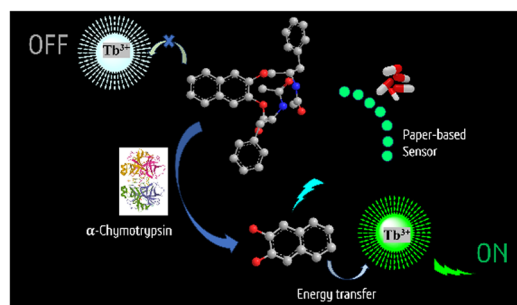


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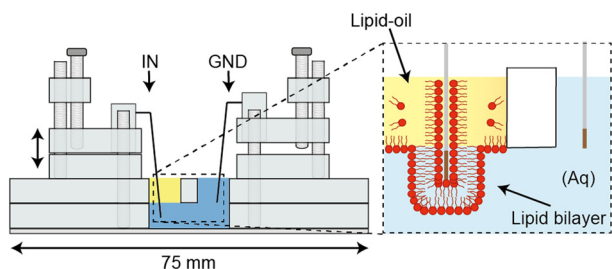
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Ananya Biswas and Uday Maitra\*



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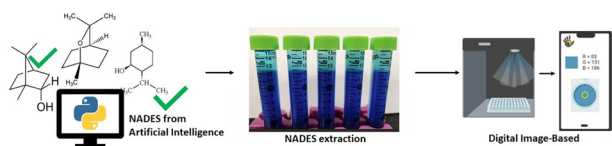


### A handheld laser-cut device for the size-controlled assembly and electrical characterisation of lipid bilayers

Ji Huang, Yuval Elani and Mark S. Friddin\*

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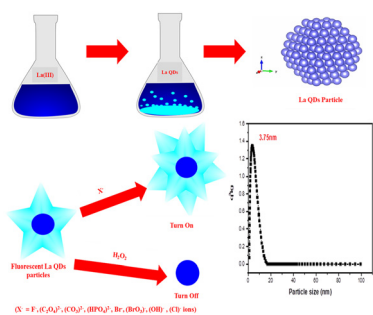
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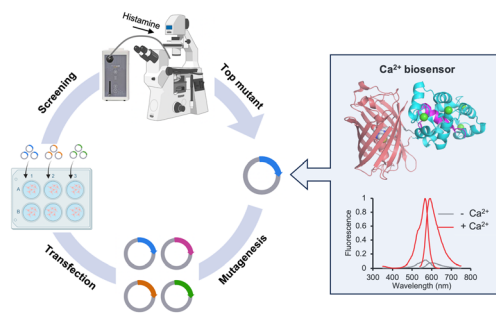
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Yufeng Zhao,\* Yi Shen, Teodor Veres and Robert E. Campbell\*

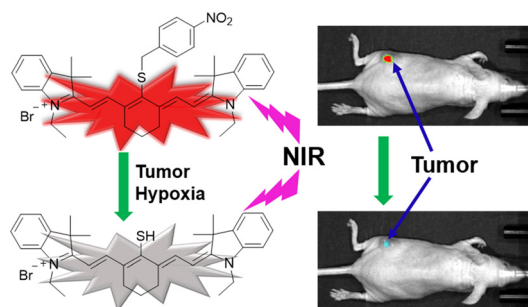


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A nitroreductase-sensitive near-IR fluorescent biosensor for detecting tumor hypoxia *in vivo*

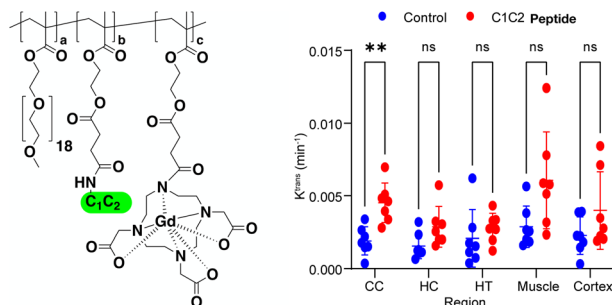
Safiya Nisar and Binglin Sui\*



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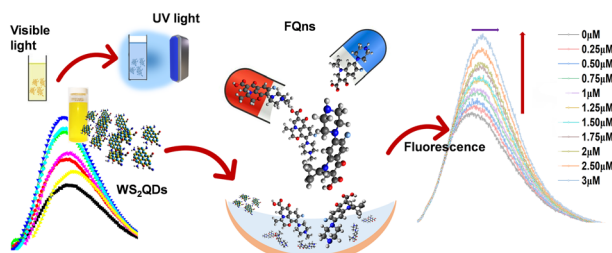
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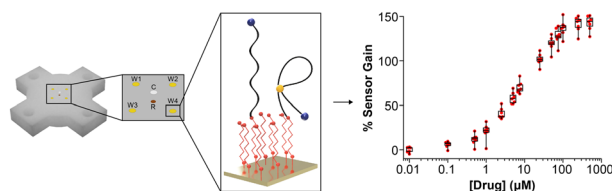
Sunayana Bora\* and Chandan Upadhyay



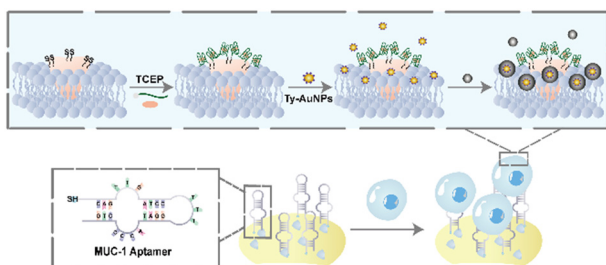
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## 3D-printed electrochemical cells for multi-point aptamer-based drug measurements

John Mack, Raygan Murray, Kenedi Lynch and Netzahualcōyotl Arroyo-Currás\*



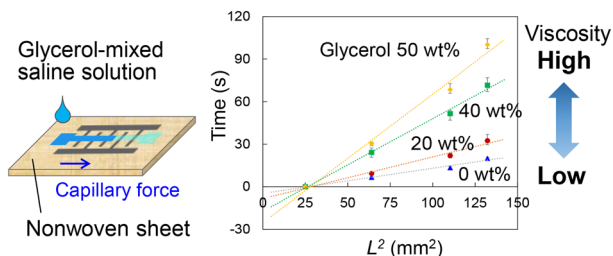
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### Electrochemical detection of tumor cells based on proximity labelling-assisted multiple signal amplification

Guozhang Zhou, Fei Zhou, Xiaomeng Yu, Daiyuan Zhou, Jiaqi Wang, Bing Bo,\* Ya Cao\* and Jing Zhao\*

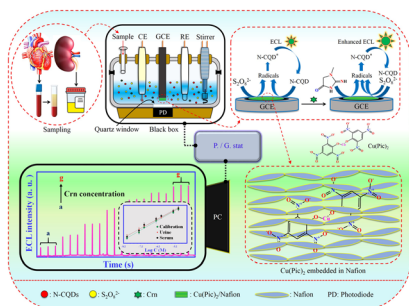
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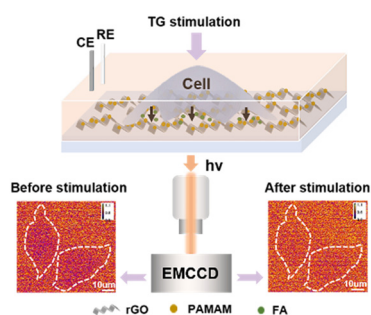
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Hosein Afshary and Mandana Amiri\*

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Juanhua Zhou and Yang Liu\*

