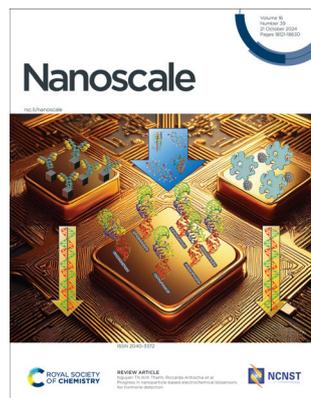


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### Cover

See Nguyen Thi Kim Thanh, Riccarda Antiochia *et al.*, pp. 18134–18164.

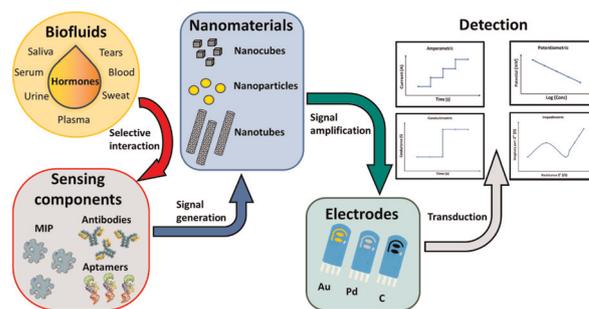
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### Progress in nanoparticle-based electrochemical biosensors for hormone detection

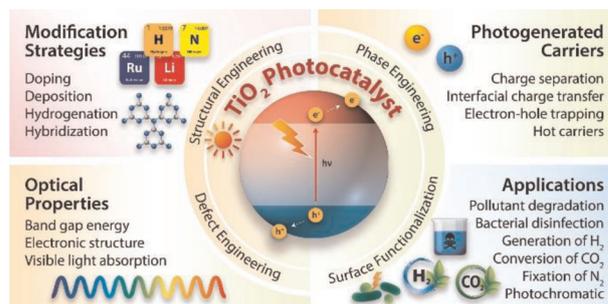
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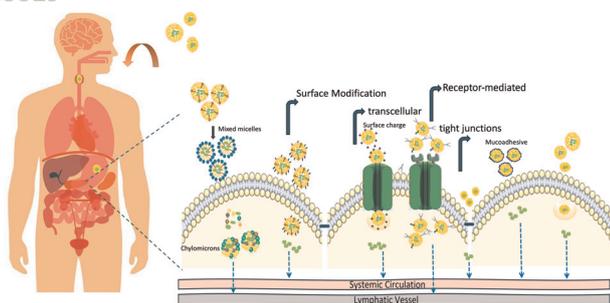
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## REVIEWS

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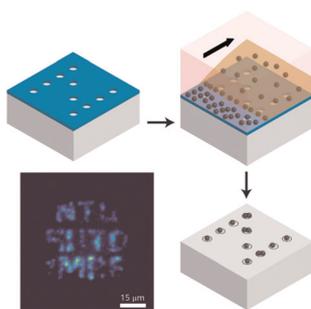


### Lipid nanoparticles for enhancing oral bioavailability

Anushareddy Gangavarapu, Lillian V. Tapia-Lopez, Barnali Sarkar, Jaqueline Pena-Zacarias, Abu Zayed Md Badruddoza\* and Md Nurunnabi\*

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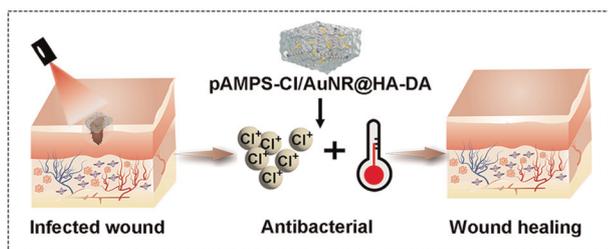
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### Deterministic positioning of few aqueous colloidal quantum dots

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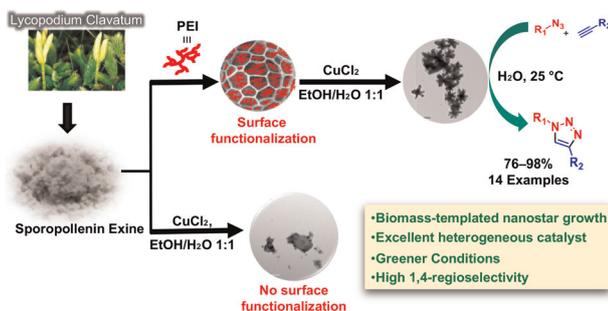
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### A gold nanoparticle-based photothermal hydrogel assisted by an *N*-halamine polymer for bacteria-infected skin wound healing

Xiaojie Wu, Yaning Lu, Yangyang Gao, Jing Kang\* and Alideertu Dong\*

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### First Cu-nanostar as a sustainable catalyst realized through synergistic effects of bowl-shaped features and surface activation of sporopollenin exine

Vijayendran Gowri, Sarita Kumari, Raina Sharma, Abdul Selim and Govindasamy Jayamurugan\*

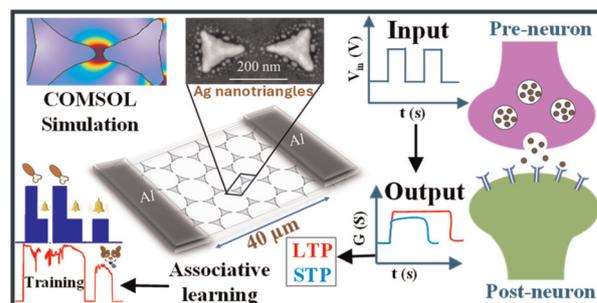


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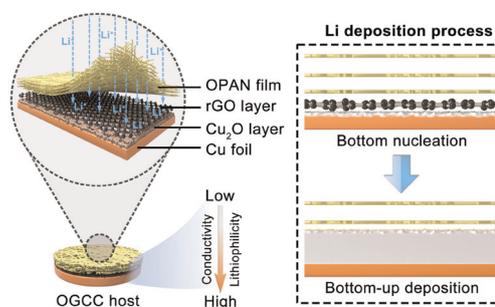
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Zhuzhu Du, Xin Chen, Ying Zhao, Yuhang Liu\* and Wei Ai\*



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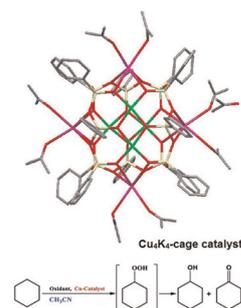
Daiki Yanai, Kentaro Yonesato,\* Soichi Kikkawa, Seiji Yamazoe, Kazuya Yamaguchi and Kosuke Suzuki\*



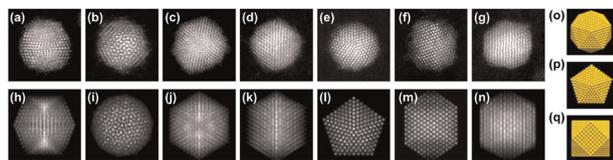
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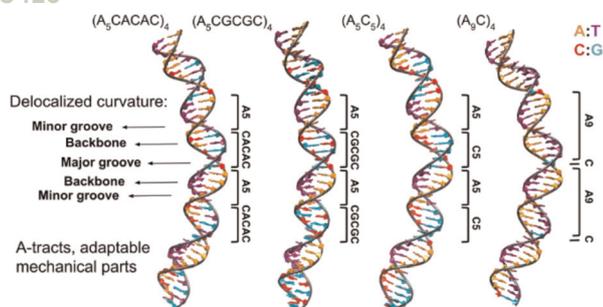
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Shengyong Hu, Kuo-Juei Hu,\* Zixiang Zhao, Yongxin Zhang, Syed Adil Shah, Siqi Lu, Wuwen Zhu, Sichen Tang and Fengqi Song\*

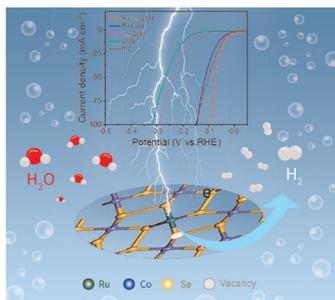
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Tania Gardasevic and Agnes Noy\*

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Li Liu, Ziyi Yang, Weibo Gao, Jianguan Shi, Jieyun Ma, Zongjian Liu,\* Lin Wang,\* Yichao Wang\* and Zhengfei Chen\*

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Shalu Atri,\* Elham Loni, Zuzana Dyrckova, Frantisek Zazimal, Maria Caplovicova, Dana Dvoranova, Gustav Plesch, Miroslava Kabatova, Marcello Brigante, Michael Naguib\* and Olivier Monfort\*

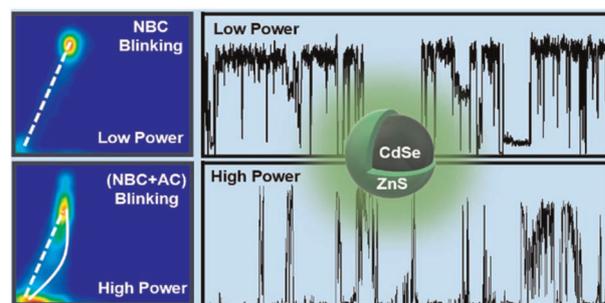


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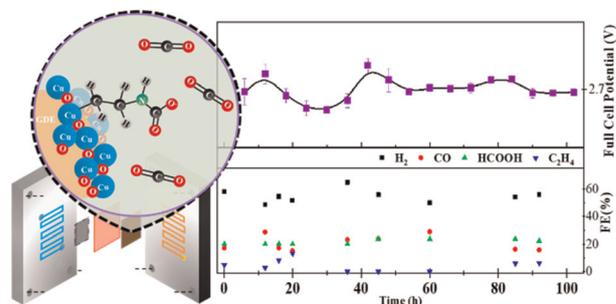
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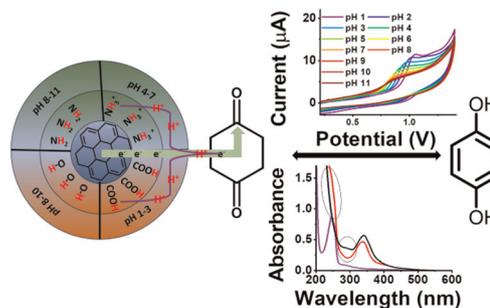
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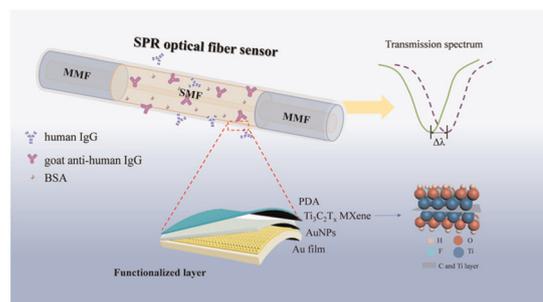
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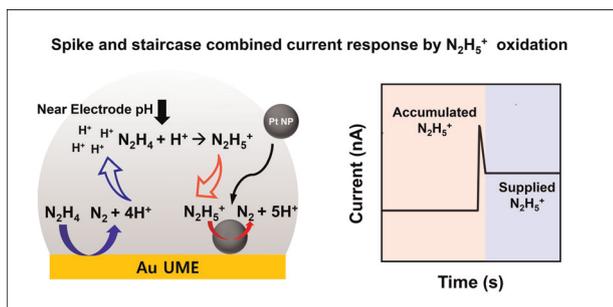
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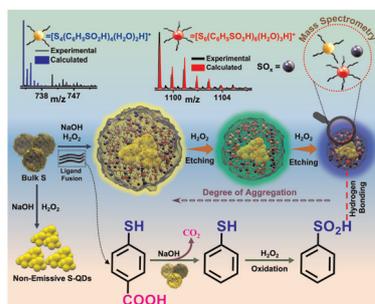
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## Exploring single-entity electrochemistry beyond conventional potential windows: mechanistic insights into hydrazine/hydrazinium ion oxidation

Ki Jun Kim, Yujin Han and Seong Jung Kwon\*

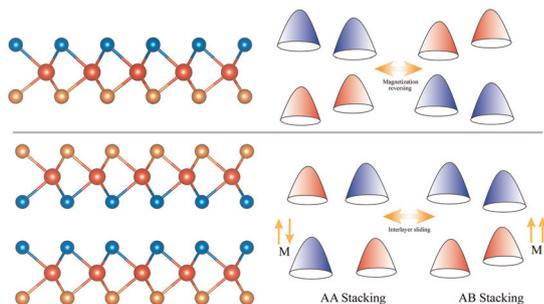
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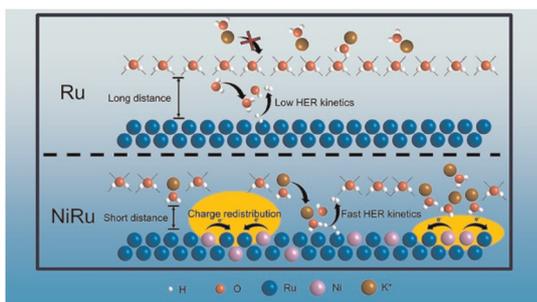
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Jie Li, Ya-Qing Chen, Hong-Kuan Yuan and Chun-Ling Tian\*

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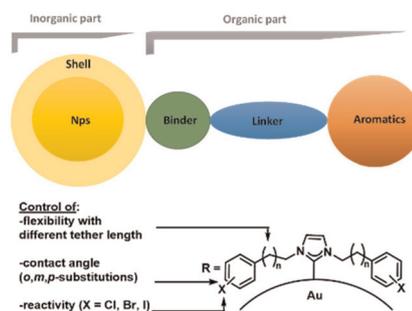
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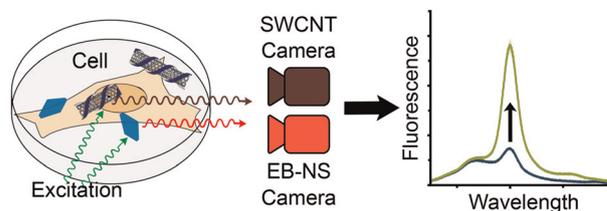
Nathaniel Ukah\* and Hermann A. Wegner



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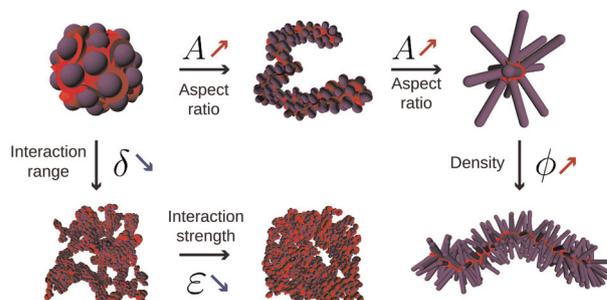
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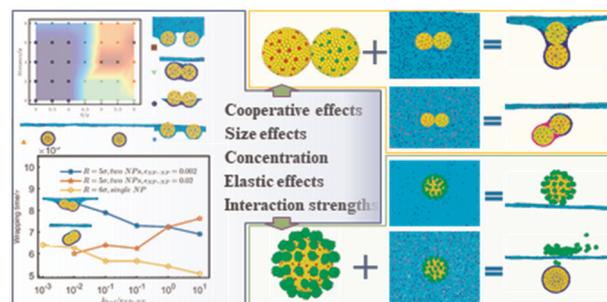
Carlo Andrea De Filippo,\* Sara Del Galdo, Emanuela Bianchi, Cristiano De Michele and Barbara Capone\*



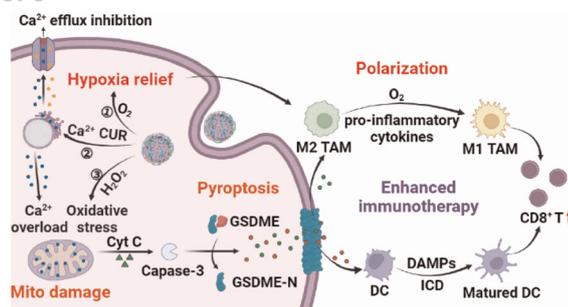
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## Endocytosis efficiency and targeting ability by the cooperation of nanoparticles

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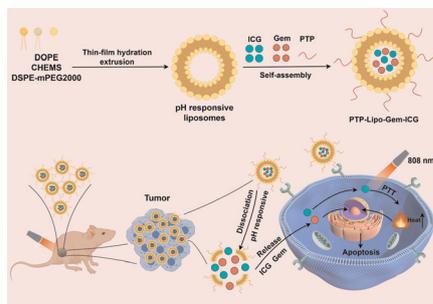
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Fang Cheng, Lei He, Jiaqi Wang, Lunhui Lai, Li Ma, Kuiming Qu, Zicheng Yang, Xinyue Wang, Ruyu Zhao, Lixing Weng\* and Lianhui Wang\*

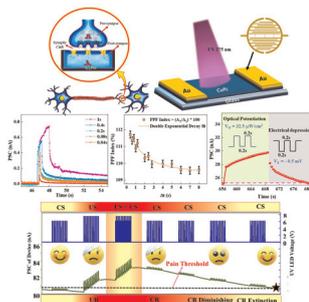
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### Plectin-1-targeted recognition for enhancing comprehensive therapy in pancreatic ductal adenocarcinoma

Qing Zhu, Silue Zeng, Junying Yang, Jiaming Zhuo, Peifeng Wang, Sai Wen and Chihua Fang\*

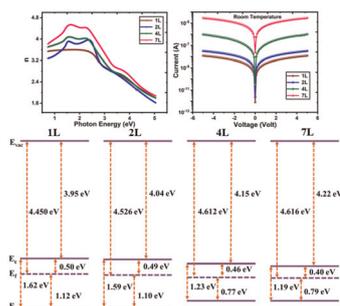
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Amrita Bharati Mishra and R. Thamankar\*

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Huanqin Guan, Ju Ye Kim, Kecheng Wei, Mayank Agrawal, Andrew A. Peterson\* and Shouheng Sun\*

