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#### Cover

See Kazuki Murai *et al.*, pp. 561–570.  
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#### Inside cover

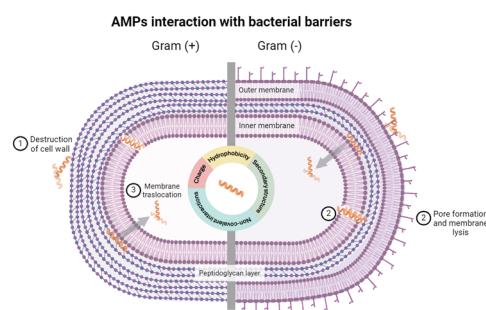
See Jiangjiexing Wu, Jinli Zhang *et al.*, pp. 571–580.  
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Costanza Montis, Elisa Marelli, Francesco Valle, Francesca Baldelli Bombelli and Claudia Pigliacelli\*

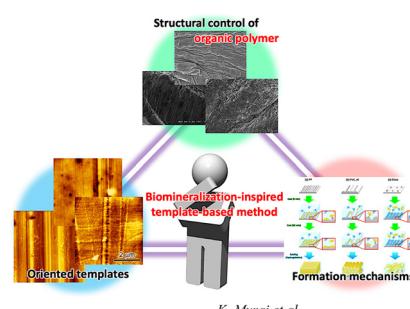


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#### Formation mechanism of anisotropic gelatin hydrogel by self-assembly on oriented templates

Kohei Kawaguchi, Tamaki Maeda, Syuuhei Komatsu, Yoshihiro Nomura and Kazuki Murai\*



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**Deep eutectic solvent boosted ruthenium catalysts for acetylene hydrochlorination**

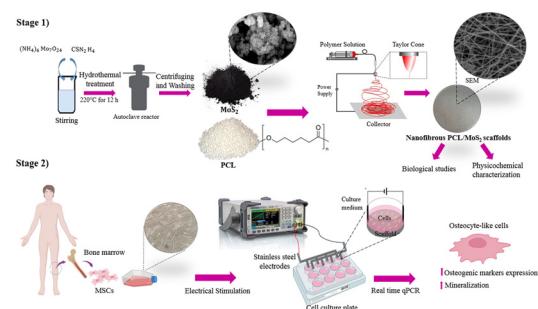
Linfeng Li, Bao Wang, Tiantong Zhang, Haiyang Zhang, Wei Li, Jiangjiexing Wu\* and Jinli Zhang\*



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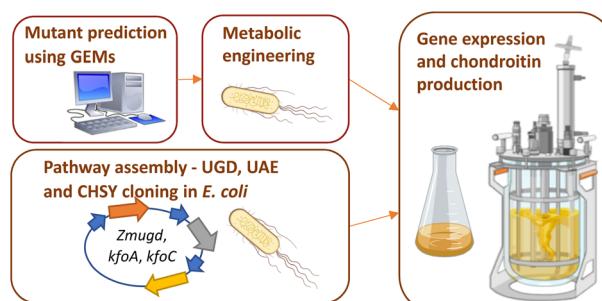
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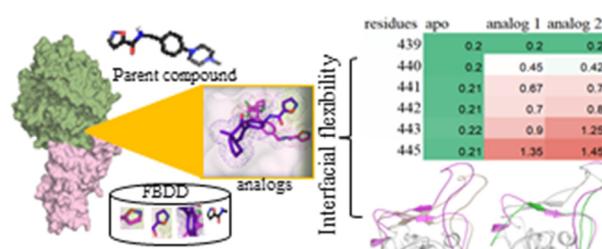
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**Effect of computationally designed fragment-based analogs on the RBD-ACE2 complex of the SARS-CoV-2 P.1 variant**

Surabhi Lata and Mohd. Akif\*



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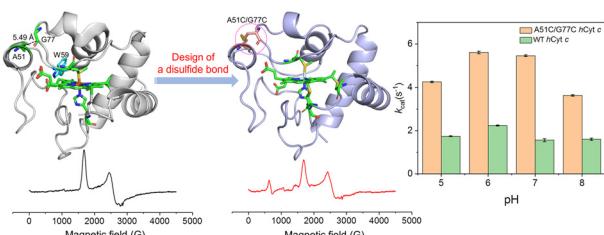


# Tuning the photophysical properties of ESIPT active unsymmetrical azine dyes by the change in the substituent and solvent: TD-PBE0 and TD-CAM-B3LYP studies

Hossein Roohi\* and Tahereh Pouryahya

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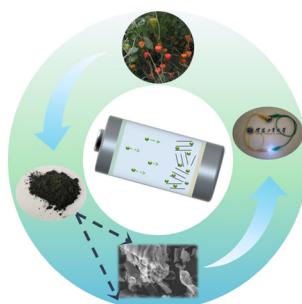


# Design and engineering of an artificial disulfide bond in human cytochrome c to regulate the protein structure and function

Yan-Yan Li, Yu Feng, Lu Yu, Shuang-Shuang Long,\*  
Shu-Qin Gao and Ying-Wu Lin\*

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## Hard carbon derived from *Physalis alkekengi* L. husks as a stable anode for sodium-ion batteries

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Laishi Li, Yingjiao Fang, Yuhan Wu\* and Yang Xu\*