

RSC Applied Interfaces

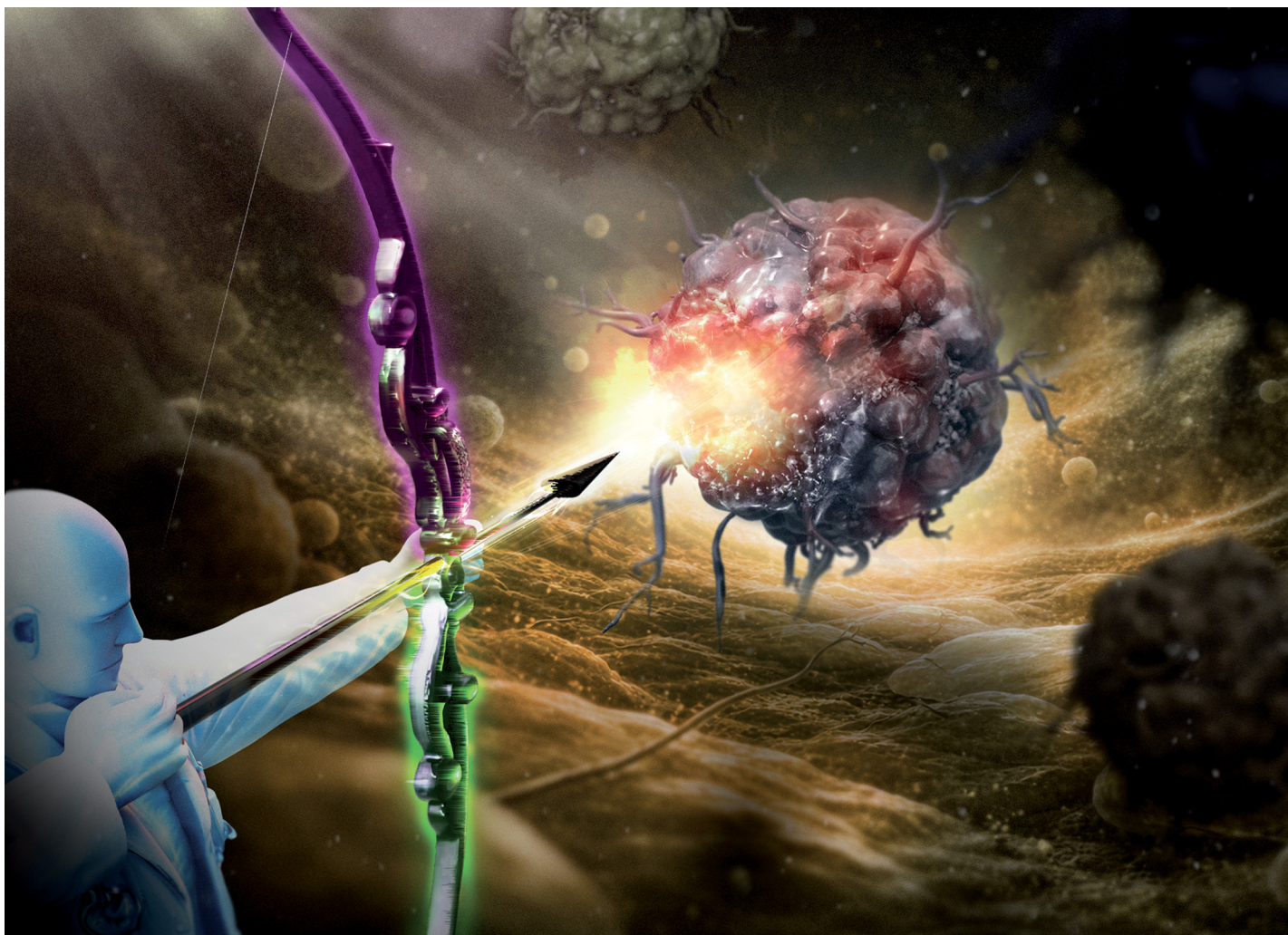
GOLD
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Interfacial and surface research
with an applied focus

Interdisciplinary and open access

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Fundamental questions
Elemental answers



Showcasing research from Professor Juyoung Yoon's laboratory, Department of Chemistry and Nanoscience, Ewha Womans University, Seoul 03760, Republic of Korea.

Molecular fluorophore dimerization: a new paradigm for precision phototheranostics

Molecular dimerization introduces new excited-state manifolds beyond single chromophores. This review maps how dimer architectures regulate photophysical processes and biophysical behaviors, offering a unifying framework for the rational design of next-generation phototheranostics

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As featured in:



See Dandan Ma, Yahui Chen, Xiaoqiang Chen, Xiaojun Peng, Juyoung Yoon *et al.*, *Chem. Soc. Rev.*, 2026, **55**, 3139.