

ADVANCED FUNCTIONAL MATERIALS



PHOTOTHERMAL THERAPY

On page 59, Z. J. Zhang, H. B. Chen, and co-workers explore a pH-responsive photothermal nanoconjugate, in which grafted cyanine dye acts as the donor of near-infrared fluorescence (NIRF) and graphene oxide with broad NIR absorbance and effective photothermal conversion efficiency is selected as a typical receptor of fluorescence resonance energy transfer (FRET), for enhanced photothermal therapy with tumor ablation.