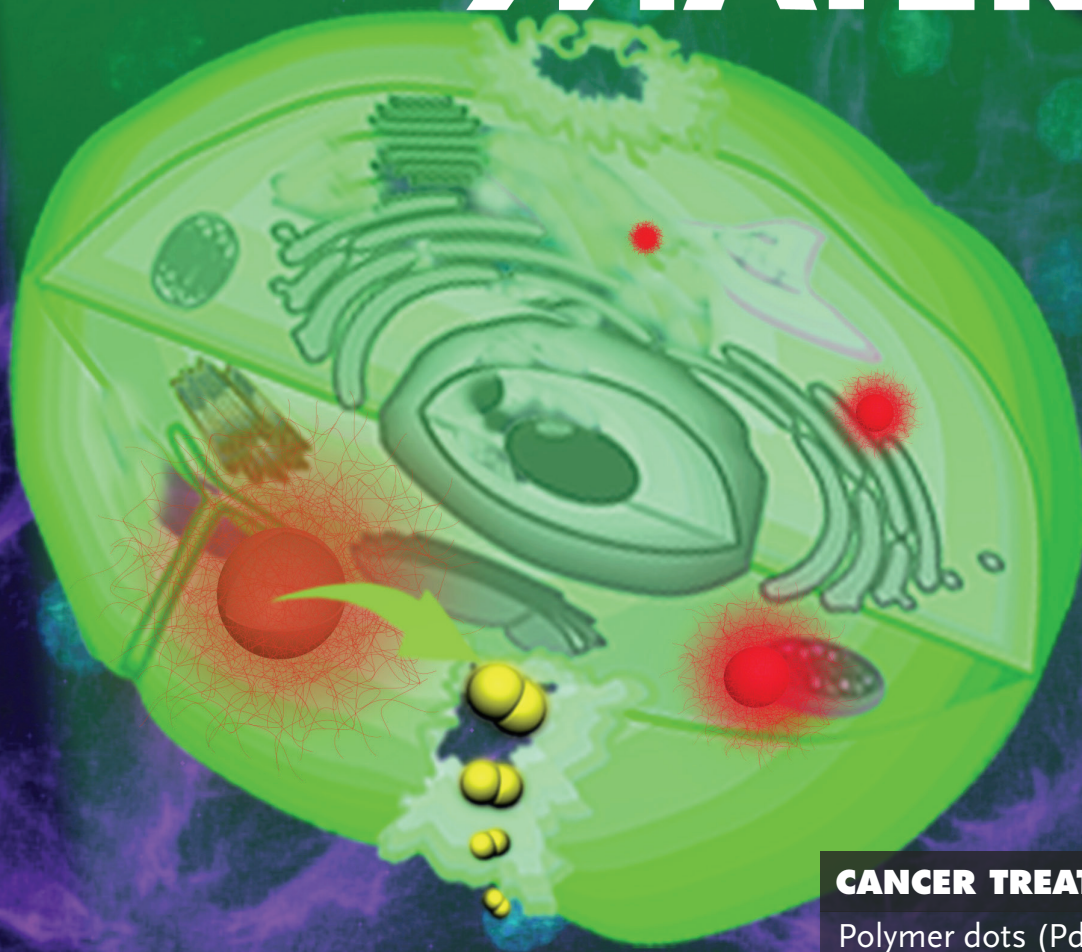


ADVANCED FUNCTIONAL MATERIALS



CANCER TREATMENT

Polymer dots (Pdots) composed of phosphorescent Ir(III) complexes and polyfluorene units are developed by Y. L. Zhao, W. Huang, and co-workers. On page 4823, the ultrasmall Pdots with particle sizes of less than 10 nm possess fine photostability, biocompatibility, and an efficient energy transfer capability, which are applied for the optical sensing of oxygen as well as for photodynamic cancer therapy in vitro.