



**FIGURE 9-5** Pseudocolor-coded 3D representation of PtK2 cells exposed to NIR femtosecond laser pulses at a mean power of 5 mW. Two-photon images: (a) transmission; (b) PI fluorescence; (c) TUNEL-positive nuclei, showing fluorescein fluorescence; (d) electronically merged PI and fluorescein fluorescence; (e) overlay of transmission and fluorescence images. The scale bar represents 15  $\mu\text{m}$ .