ERRATA

Errata: High payload delivery of optical imaging and photodynamic therapy agents to tumors using phthalocyanine-reconstituted low-density lipoprotein nanoparticles

Hui Li Diane E. Marotta Soungkyoo Kim University of Pennsylvania Department of Radiology Philidenlphia, Pennsylvania 19104

Theresa M. Busch

University of Pennsylvania Department of Radiation Oncology Philidenlphia, Pennsylvania 19104

E. Paul Wileyto

University of Pennsylvania Department of Psychiatry Philidenlphia, Pennsylvania 19104

Gang Zheng University of Pennsylvania Department of Radiology Philidenlphia, Pennsylvania 19104

[DOI: 10.1117/1.2147351]

The r-SiPcBOA probe concentration and, consequently, molar ratio were incorrectly reported in the article entitled "High payload delivery of optical imaging and photodynamic therapy agents to tumors using phthalocyanine-reconstituted low-density lipoprotein nanoparticles" by Li et al. published in the *Journal of Biomedical Optics*, Volume 10(4), 041203 (July/August 2005). In Figs. 4(i) and 4(j), HepG₂ cells were effectively incubated with 66 μ g/ml SiPcBOA, equivalent to the probe concentration in 85 μ g/ml r-SiPcBOA-LDL protein. Instead of a 50 μ g/ml r-SiPcBOA-LDL exposure, cells were exposed in the clonogenic assay to 5.8 μ g/ml. Additionally, the actual SiPcBOA to LDL molar ratio is 400:1. Hence, the considerable PDT efficacy we reported for r-SiPcBOA-LDL was, in fact, achieved at a nearly 10-fold lower probe concentration.

1083-3668/2005/10(6)/069801/1/\$22.00 © 2005 SPIE