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**Performance
In Vivo
Near-IR
($>1 \mu\text{m}$)
Imaging
and
Photothermal
Cancer
Therapy
with
Carbon**

Nanotubes

Joshua T.

Robinson, Kevin

Welsher, Scott

M. Tabakman,

Sarah P.

Sherlock,

Hailiang Wang,

Richard Luong,

Hongjie Dai

*(Submitted on 2
Nov 2010)*

Short
single-
walled
carbon
nanotubes
(SWNTs)
functionalized
by
PEGylated
phospholipids
are
biologically
non-toxic
and
long-
circulating
nanomaterials
with
intrinsic