

List of abbreviations

2D-Two-dimensional

PA-Photoacoustic imaging

CT-Computerized tomography

MRI-Magnetic resonance imaging

NIR-Near-infrared regions

PDT-Photodynamic therapy

PTT-Photothermal therapy

RT-Radiation therapy

CVD-Chemical vapor deposition

ROS-Reactive oxygen species

SP -Soybean phospholipid

DOX- Doxorubicin

CLSM-Confocal laser scanning microscopic

HA- Hyaluronic acid

LSPR- Localized surface-plasmon resonance

SDT- Sonodynamic therapy

PEG-Poly ethylene glycol

MSN-Mesoporous silica nanoparticles

QDs- Quantum dots

PVA-Polyvinyl alcohol,

MUC1-Transmembrane glycoprotein Mucin 1

ECL-Electrogenerated chemiluminescence

TMAOH- Tetramethylammonium hydroxide

IONPs-Iron oxide nanoparticles

POMs-Polyoxometalates

ADME-Absorption, distribution, metabolism, excretion

c(RGDyC)-Cyclic arginine-glycine-aspartic pentapeptide

CTAC-Cetanecyltrimethylammonium chloride

FWS -Fish and Wildlife Service