

Abbreviation	Meaning
XPS	X-ray photoelectron spectroscopy
FLUO	Fluorescence spectroscopy
HAp	hydroxyapatite microparticles
GG	gellan gum
FITC	fluorescein isothiocyanate
FTIR	Fourier transform infrared spectroscopy
SEM	Scanning electron microscopy
GelMA-M $\kappa$ CA	methacrylated kappa-carrageenan
PLA	polylactic acid
PEG	polyethylene glycol
HEA	hydroxyethyl acrylate
NIPAM	N-isopropylacrylamide
AFM	Atomic force microscopy
XRD	X-ray powder diffraction
POM	Polarizing optical microscopy
micro-CT	Computer microtomography
MPTMS	organic-inorganic monomer [3-(methacryloyloxy)-propyl]trimethoxy-silane
DMAA	<i>N,N'</i> -dimethylacrylamide
LAP	Laponite microparticles
NC	nanocomposite