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LIST OF ABBREVIATIONS

- AFD:** Average fiber diameter
APDA: Antimicrobial photodynamic activity
APDT: Antimicrobial photodynamic therapy
COX-2: Cyclooxygenase-2
DSC: Differential scanning calorimetry
ECM: Extracellular matrix
EE: Encapsulation efficiency
EF: Electric field
FT-IR: Fourier transform-infrared spectroscopy
H & E: Haematoxylin and eosin stain
LED: Light emitting diode
LLLT: Low-level light therapy
MB: Methylene blue
MRSA: Methicillin resistant *Staphylococcus aureus*
NFs: Nanofibers
¹O₂: Singlet oxygen
PACT: Photodynamic antimicrobial chemotherapy
PDGF: Platelet-derived growth factor
PDT: Photodynamic therapy
PEG: Polyethylene glycol
PHB: Polyhydroxybutyrate
PS: Photosensitizer
ROS: Reactive oxygen species
RT-PCR: Reverse transcriptase-polymerase chain reaction
Sast: A standard strain of *Staphylococcus aureus* ATCC 6538P
TNF- α : Tumor necrosis factor-alpha
UA: Uric Acid
UA-A293: Uric acid absorbance at 293 nm
VEGF: Vascular endothelial growth factor