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## ABBREVIATIONS

Acetyl-CoA	Acetyl coenzyme A
BMP	bone morphogenetic proteins
cm	centimetre
g	gram
3HA	3-hydroxyapatite
3HB	3-hydroxybutyrate
HV	hydroxyvalerate
kg	kilogram
kV	kilovolt
lcl-PHA	long-chain-length polyhydroxyalkanoate
mA	milliAmpere
mcl-PHA	medium-chain-length polyhydroxyalkanoate
mg	milligram
ml	millilitre
mm	millimetre
µm	micrometre
mRNA	Messenger ribonucleic acid
MT solution	Microelement stock solution
NADP	Nicotinamide adenine dinucleotide phosphate
NADPH	Nicotinamide adenine dinucleotide phosphate (reduced)
nm	nanometre
PAS technique	Periodic Acid-Schiff technique
PBS	phosphate buffer solution
PHA	polyhydroxyalkanoate

PHB	polyhydroxybutyrate
PHB/V or PHBV	poly(3-hydroxybutyrate-co-3-hydroxyvalerate)
PKO	palm kernel oil
PLA	polylactic acid
RNA	ribonucleic acid
rpm	revolution per minute
rRNA	ribosomal ribonucleic acid
s	second
S.D.	standard deviation
scl-PHA	short-chain-length polyhydroxyalkanoate
SPKO	saponified palm kernel oil
TGF	transforming growth factor
w/v	weight over volume