CONTENTS

CONTENTS (Continued)

Page

CONTENTS (Continued)

Page

LIST OF TABLES

LIST OF FIGURES

Figure Page

LIST OF FIGURES (Continued)

Figure **Page**

LIST OF FIGURES (Continued)

Figure **Page**

LIST OF ABBREVIATIONS

PLA	=	Poly Lactic Acid
PBS	=	Poly Butylene Succinate
CNF	=	Cellulose Nanofibrils
CNC	=	Cellulose Nanocrystals
BNC	=	Bacterial Nanocellulose
TEMPO	=	2,2,6,6-tetramethylpiperidine-1-oxyl
OPEFB	=	Oil Palm Empty Fruit Bunches
TEM	=	Transmission Electron Microscopy
SEM	=	Scanning Electron Microscope
XRD	=	X-Ray Diffractometer
FTIR	=	Fourier-Transform Infrared Spectroscopy
MSCs	=	Mesenchymal stem cells
RO	=	Reverse Osmosis
NMP	=	N-methyl pyrrolidone
hWJ-MSCs	=	Human Wharton's Jelly mesenchymal stem cells
MTT	=	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide
AFP	=	Alpha-fetoprotein
CK18	=	Cytokeratin 18
ALB	=	Albumin
PFA	=	Paraformaldehyde
FESEM	=	Field emission scanning electron microscopy
PDI	=	Polydispersity index
PCA	=	Principal component analysis
FTIR	=	Fourier Transform Infrared
CI	=	Crystallinity Index
TGA	=	Thermogravimetric analysis
DSC	=	Differential scanning calorimetry