

FIGURE 1

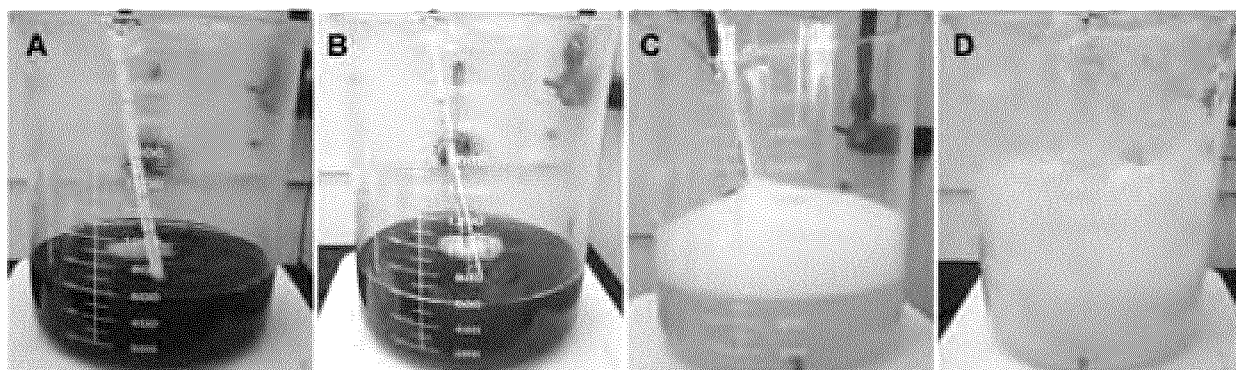


FIGURE 2

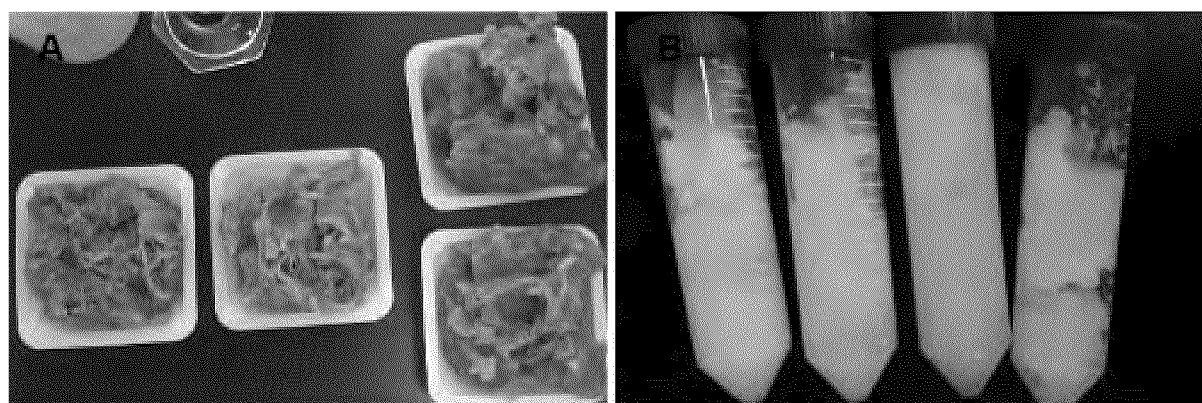


FIGURE 3

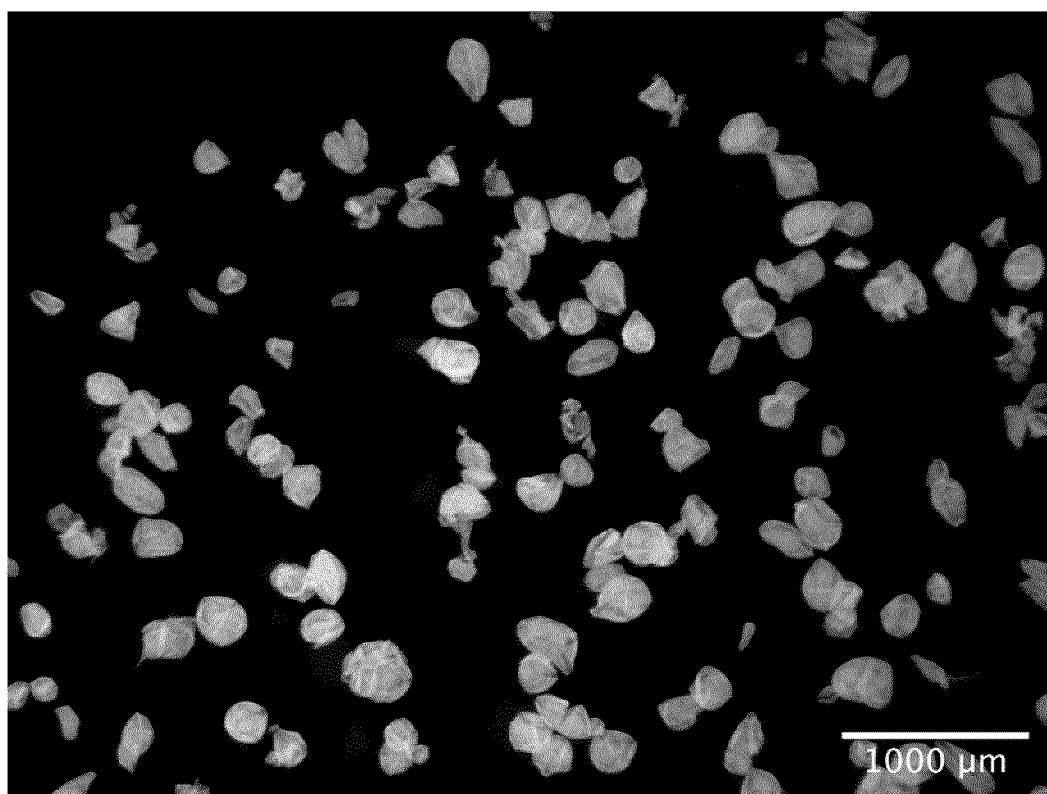


FIGURE 4

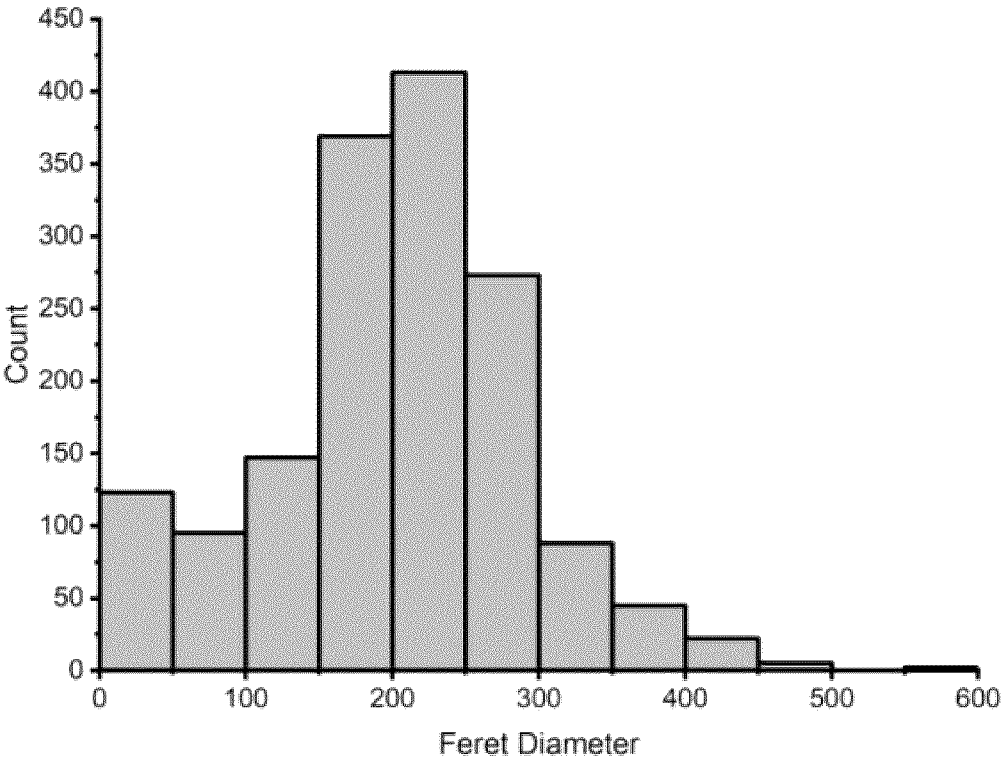


FIGURE 5

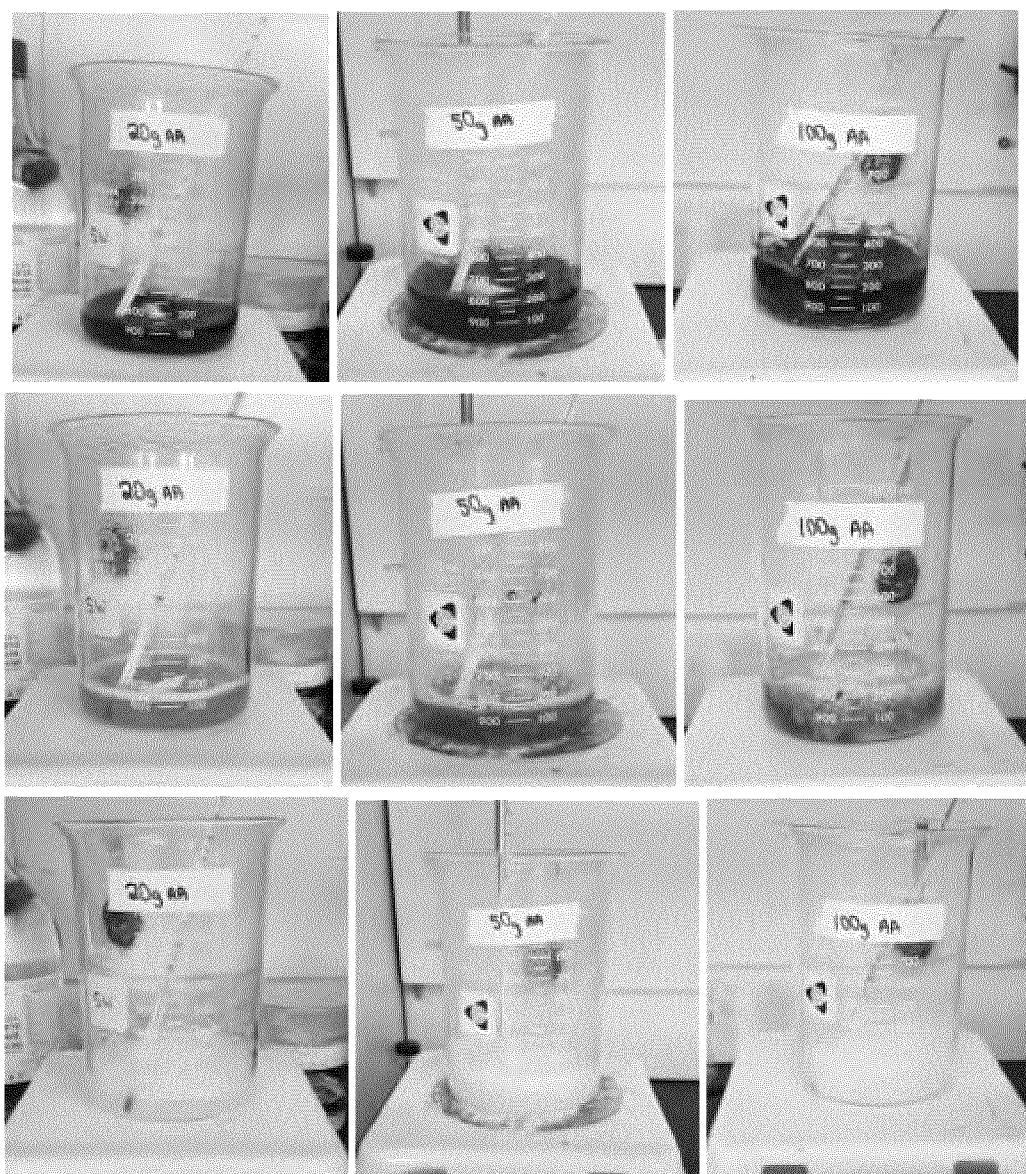


FIGURE 6

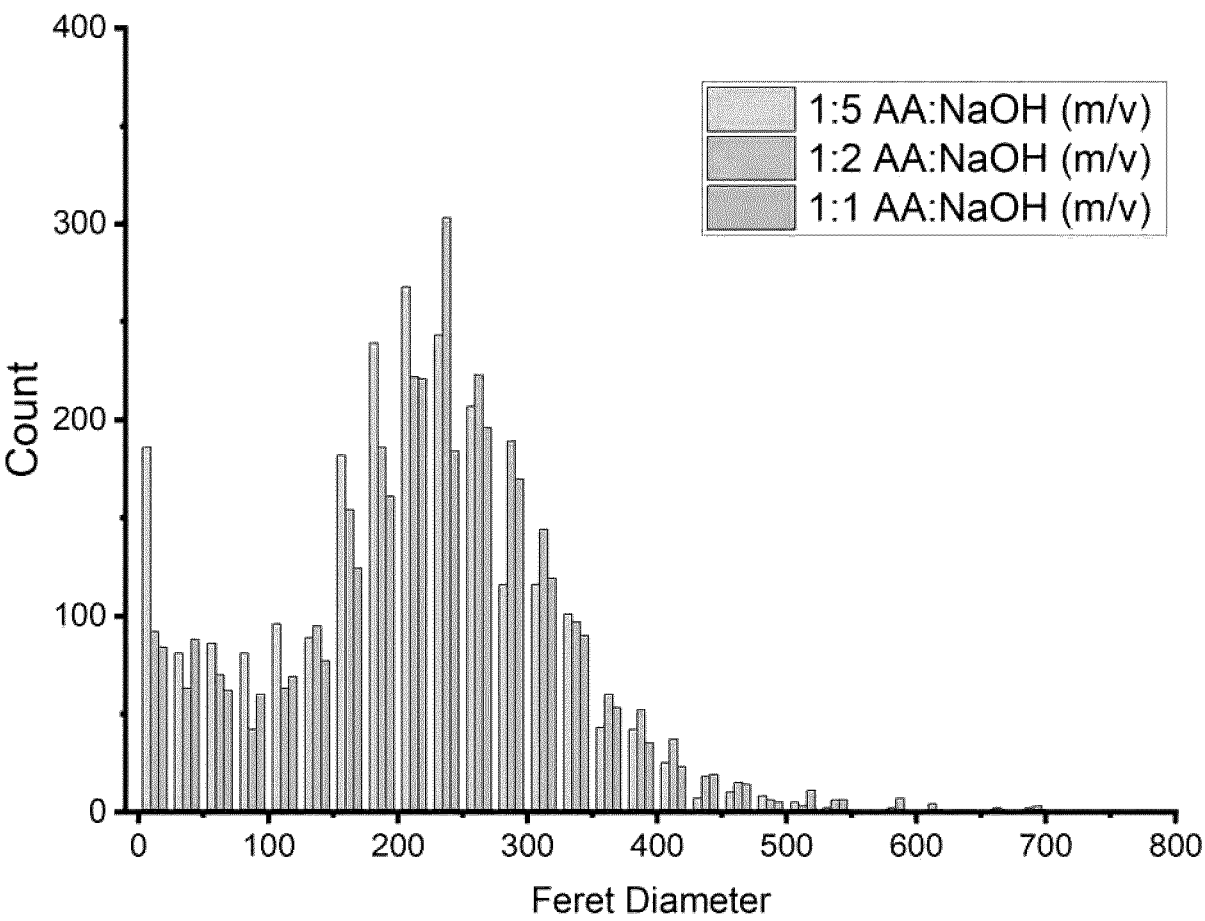


FIGURE 7



FIGURE 8

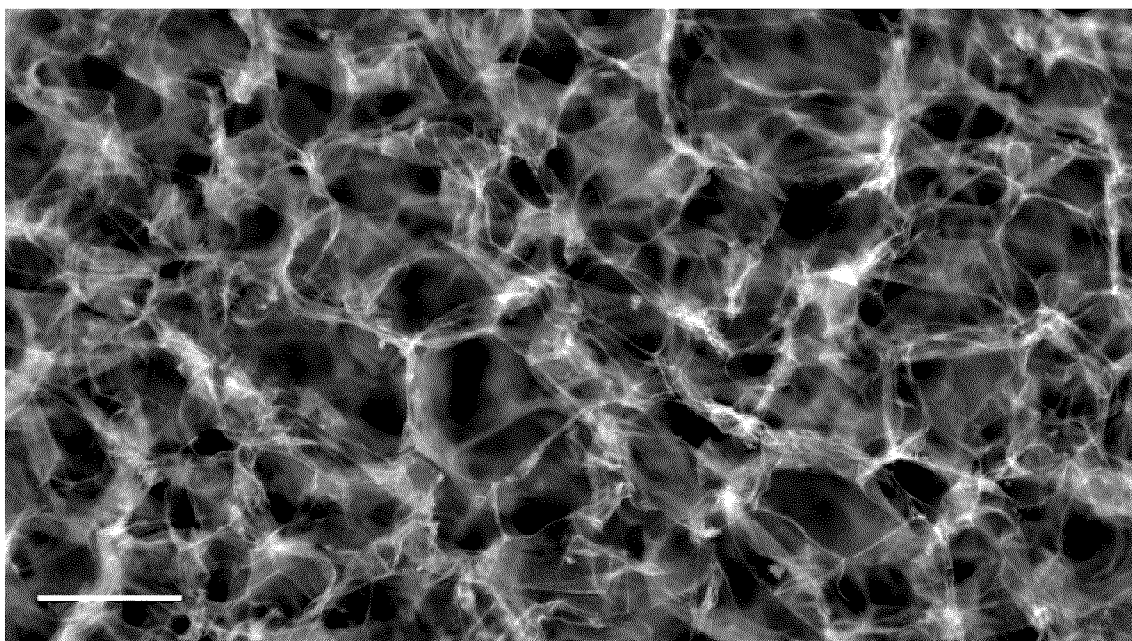


FIGURE 9

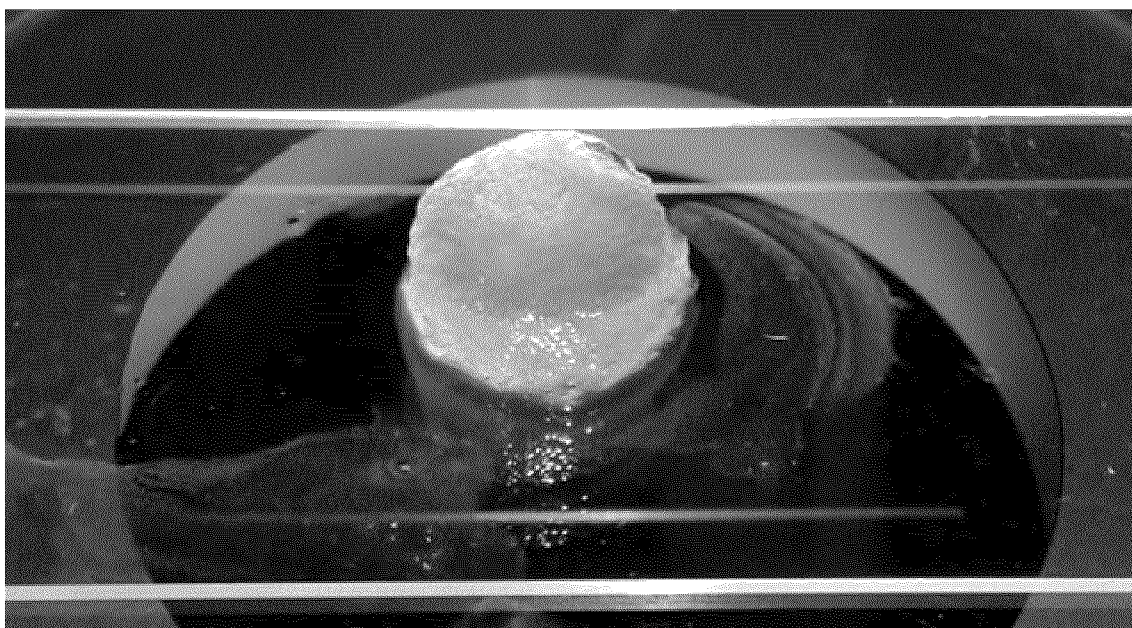


FIGURE 10

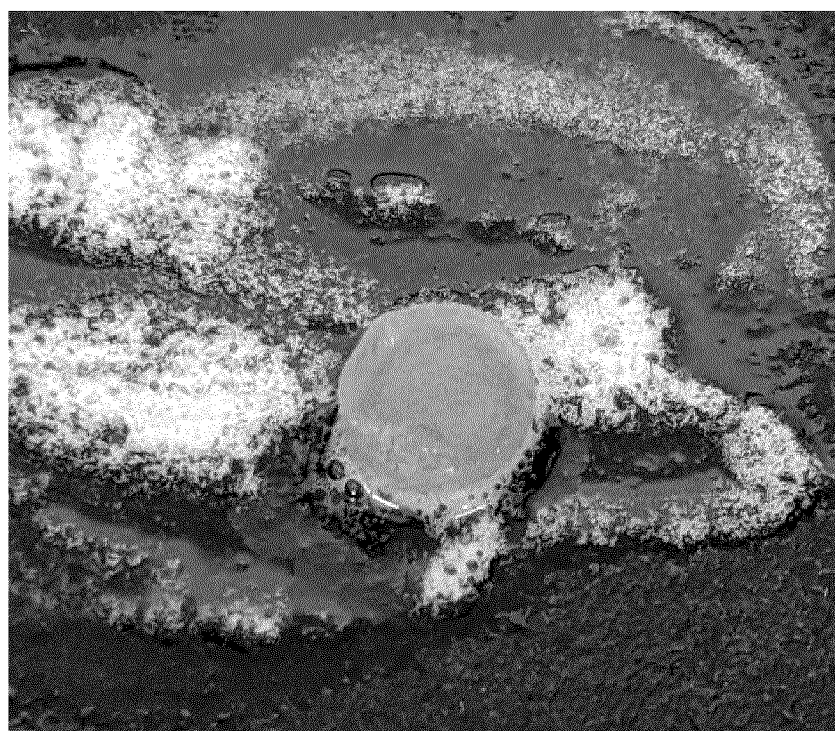


FIGURE 11



FIGURE 12

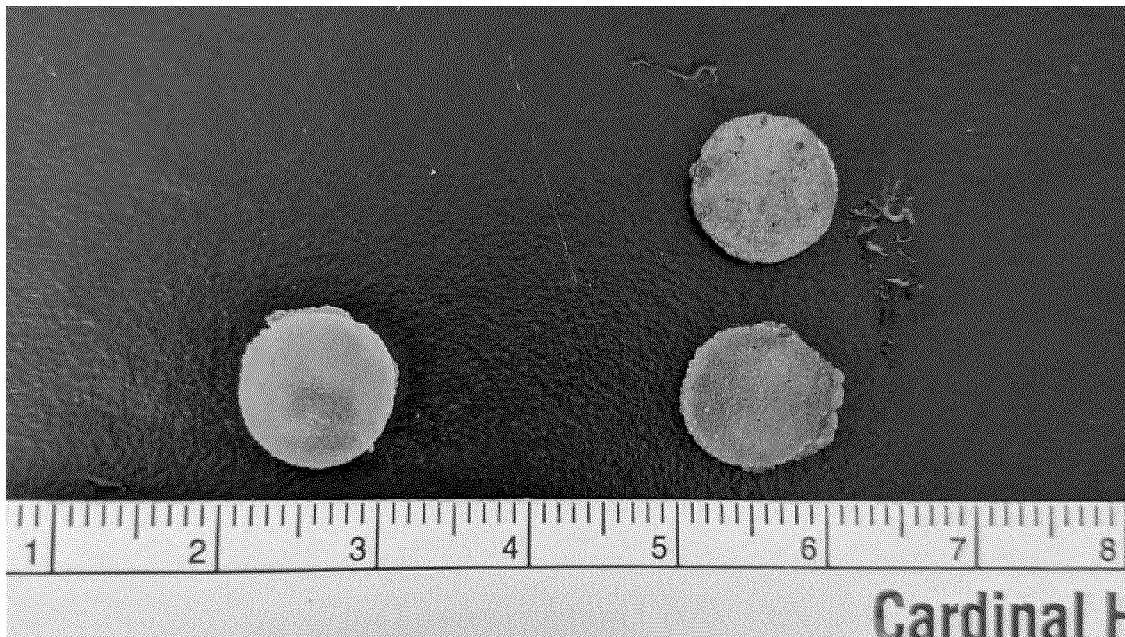


FIGURE 13

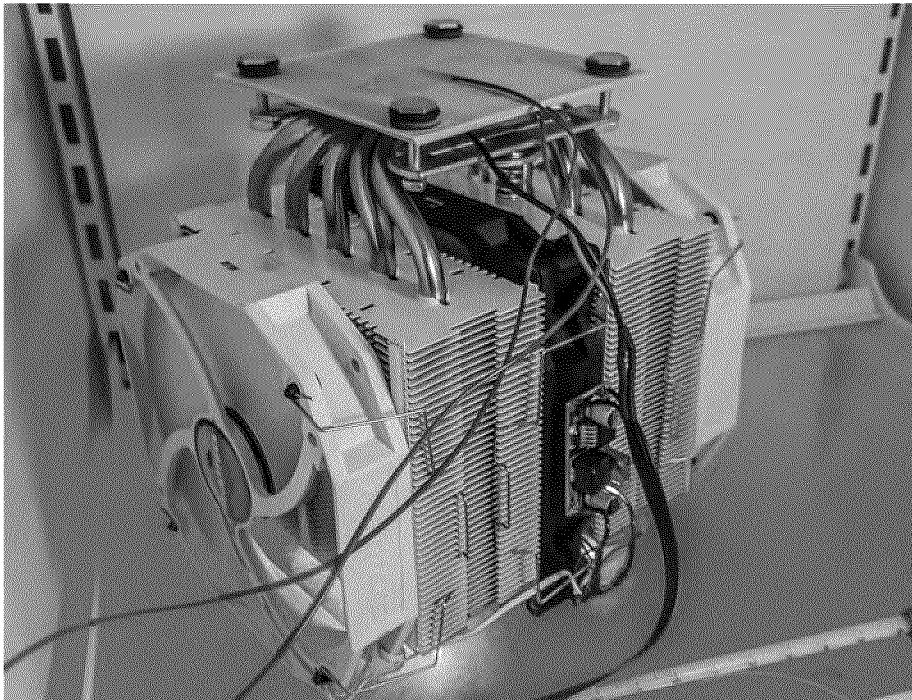


FIGURE 14

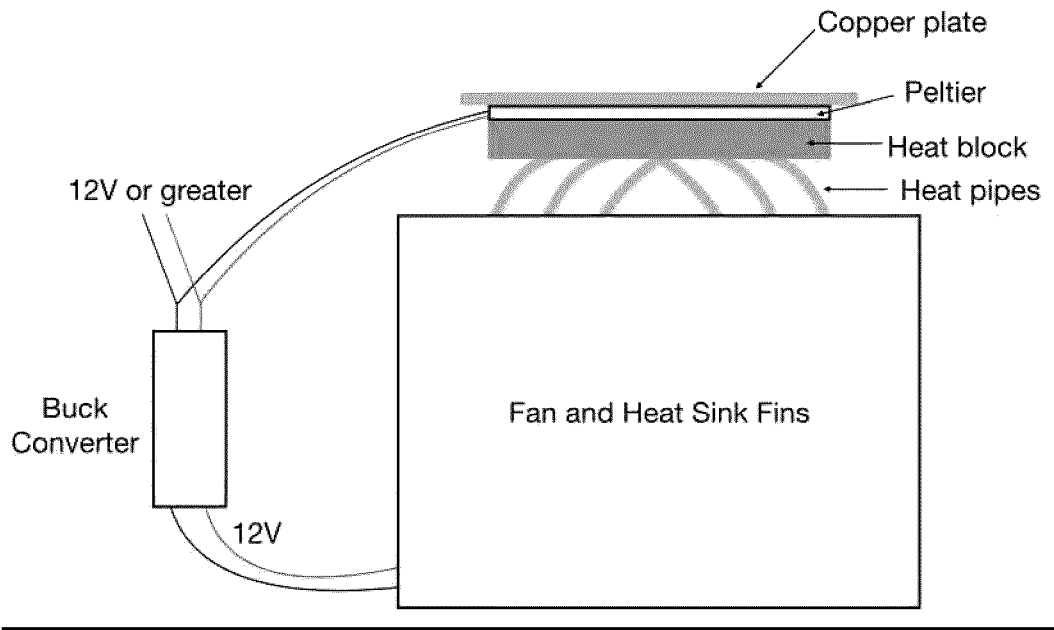


FIGURE 15



FIGURE 16



FIGURE 17

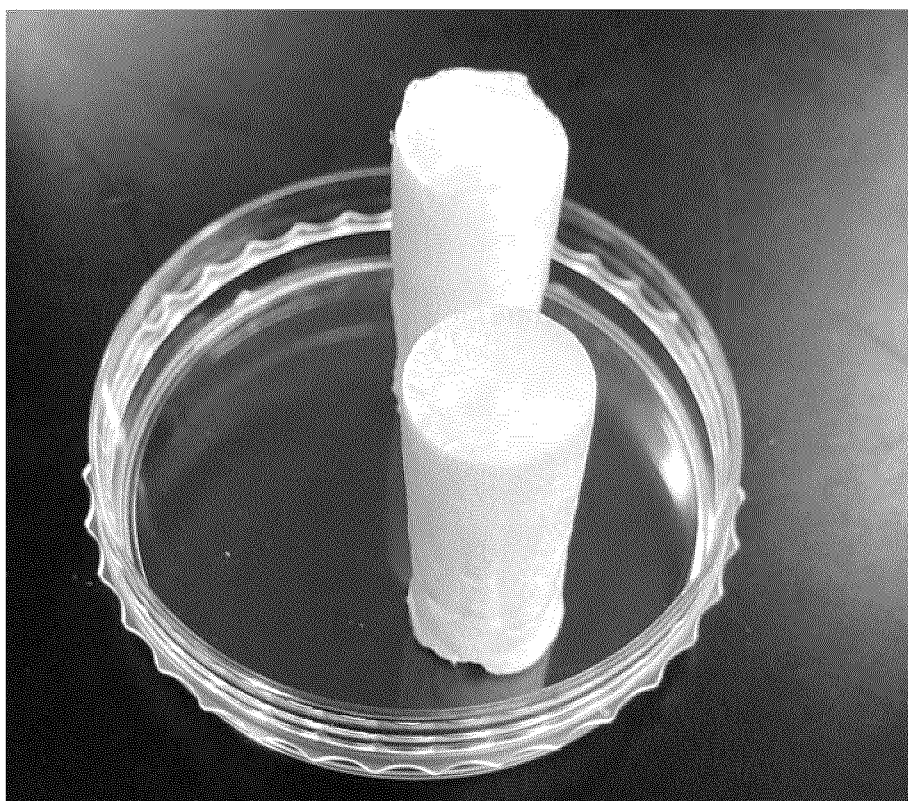


FIGURE 18

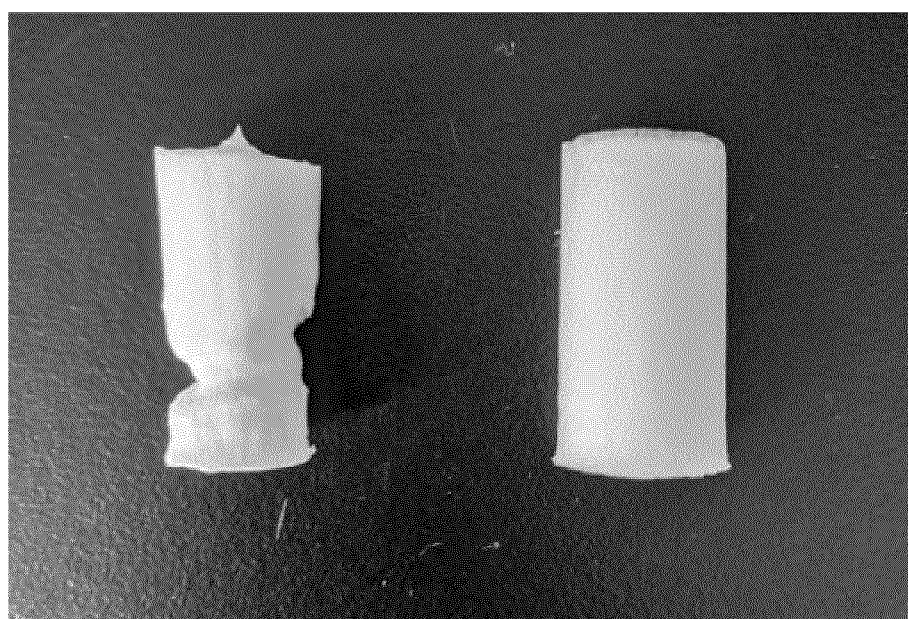


FIGURE 19

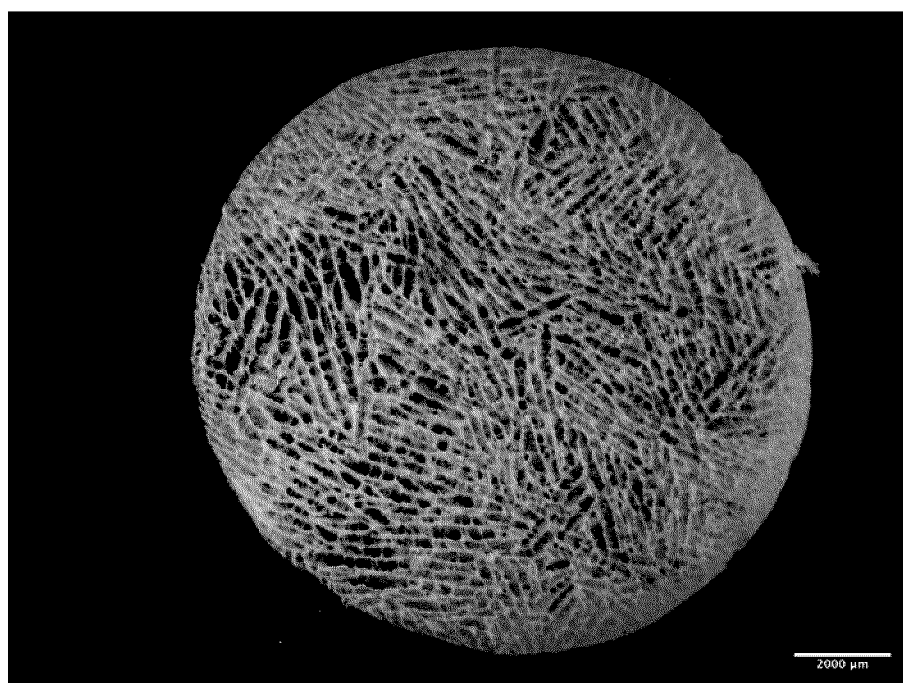


FIGURE 20

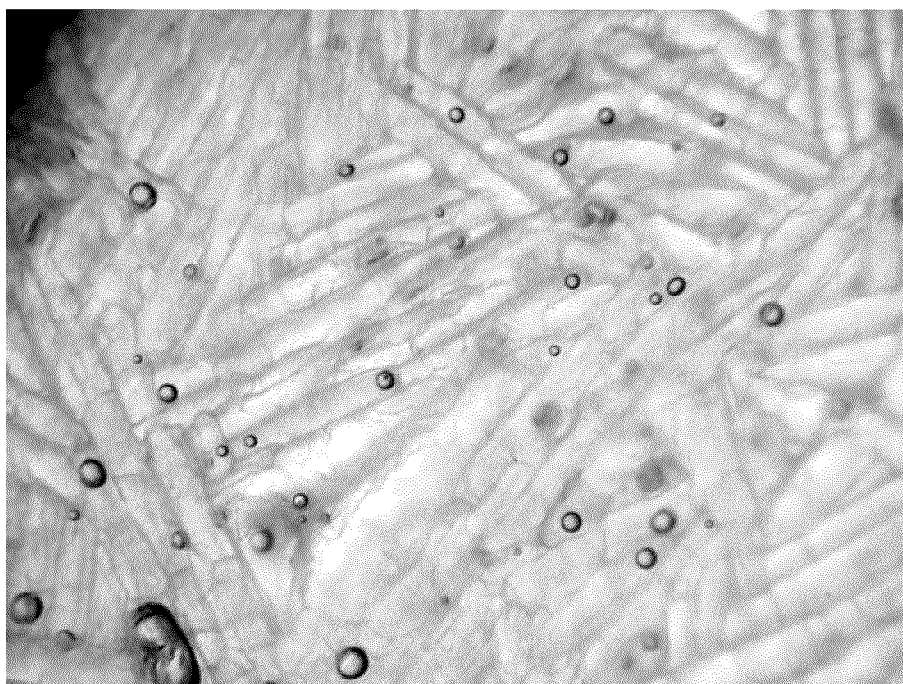


FIGURE 21

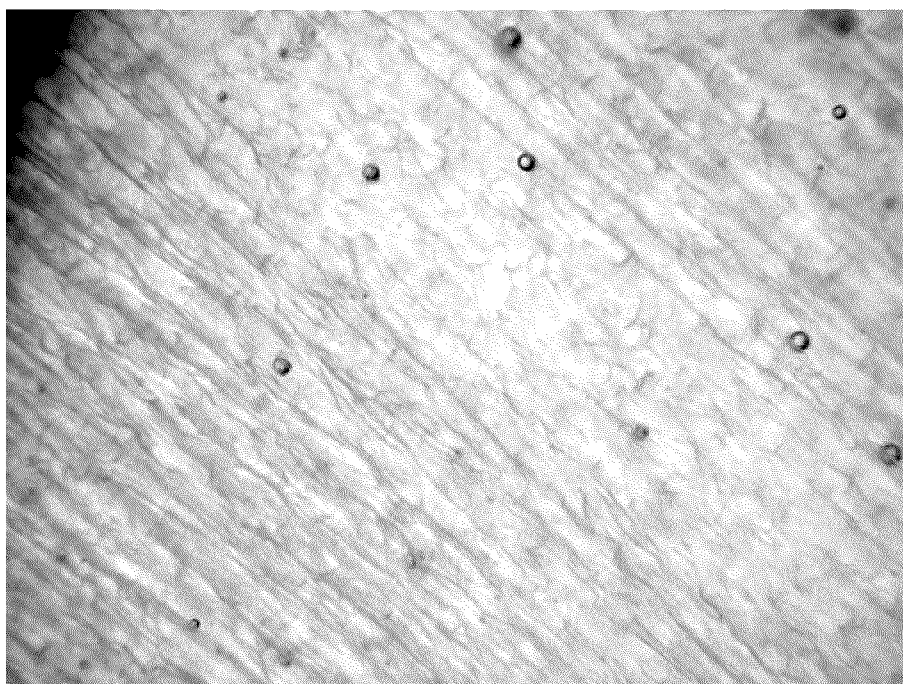


FIGURE 22

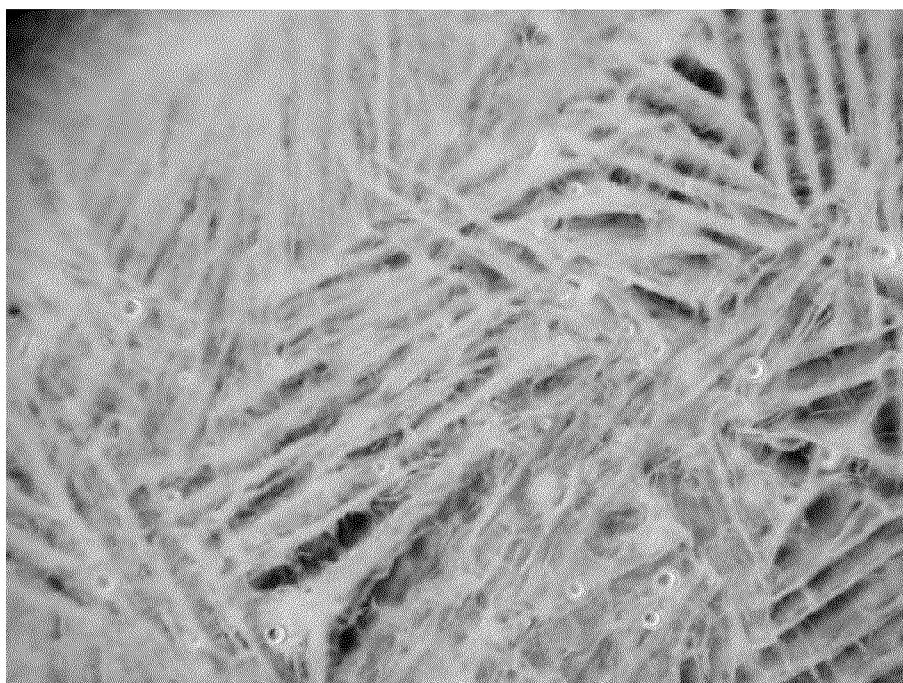


FIGURE 23

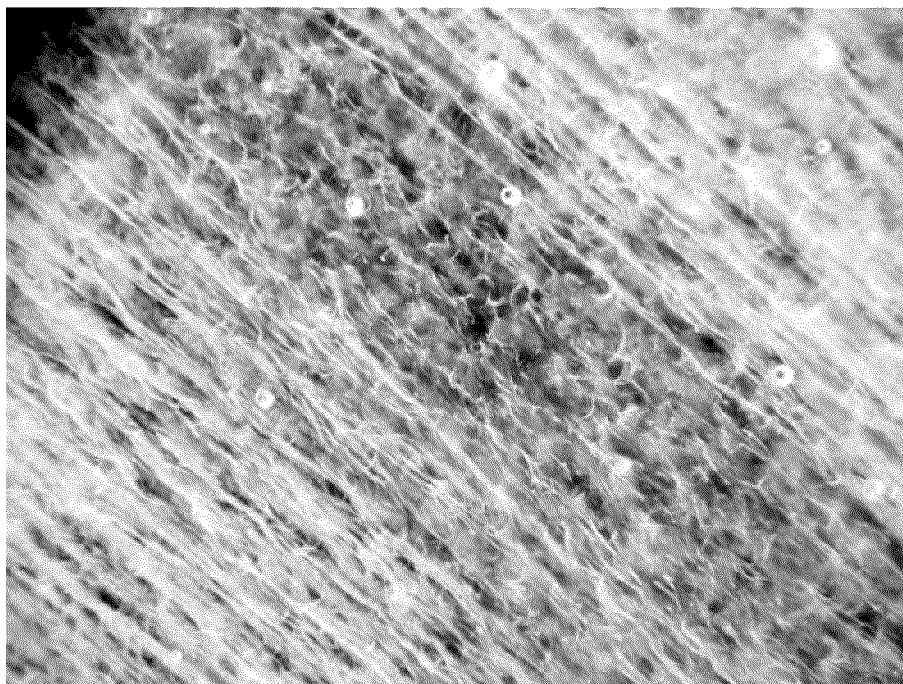


FIGURE 24

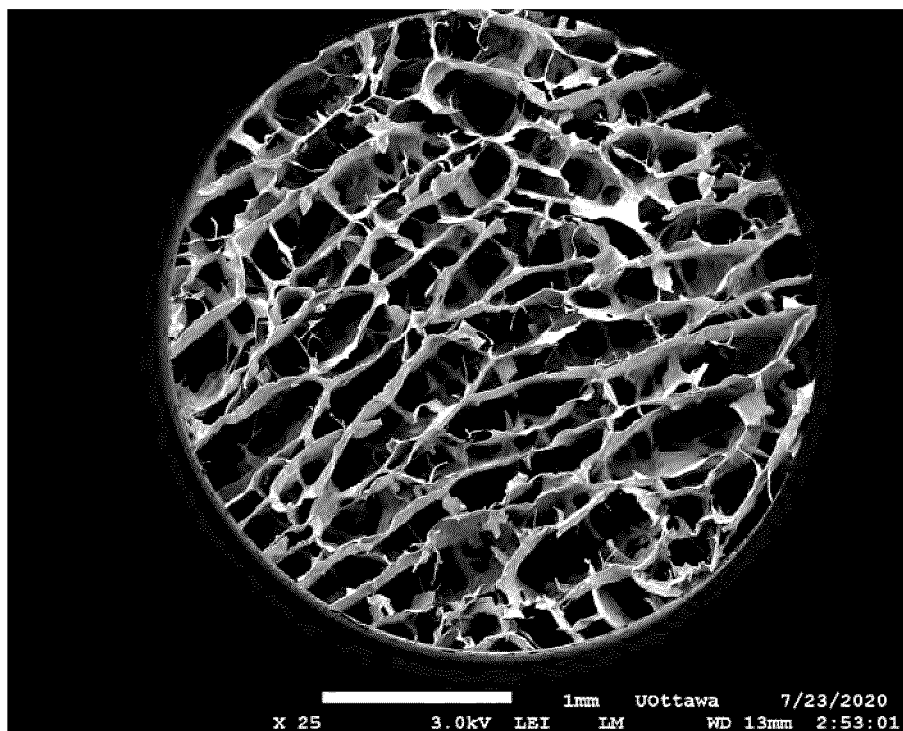


FIGURE 25

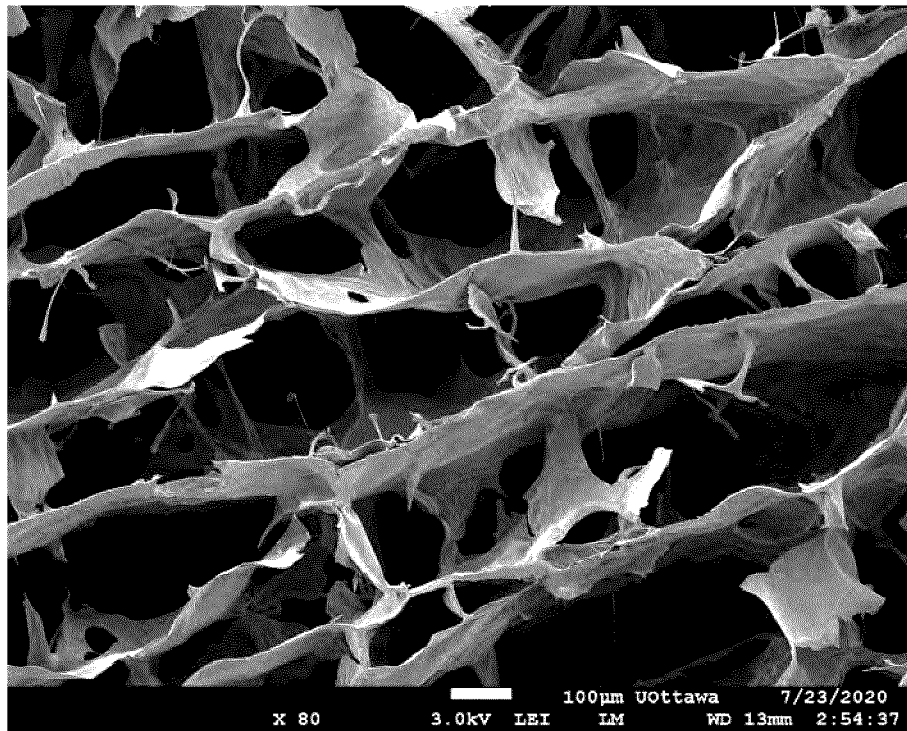


FIGURE 26

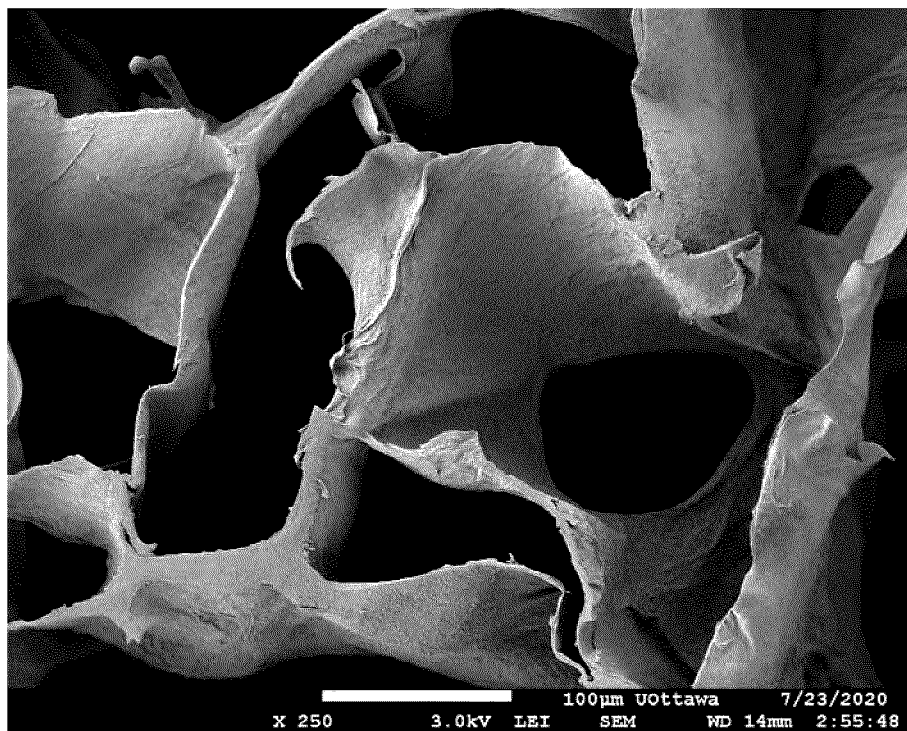


FIGURE 27

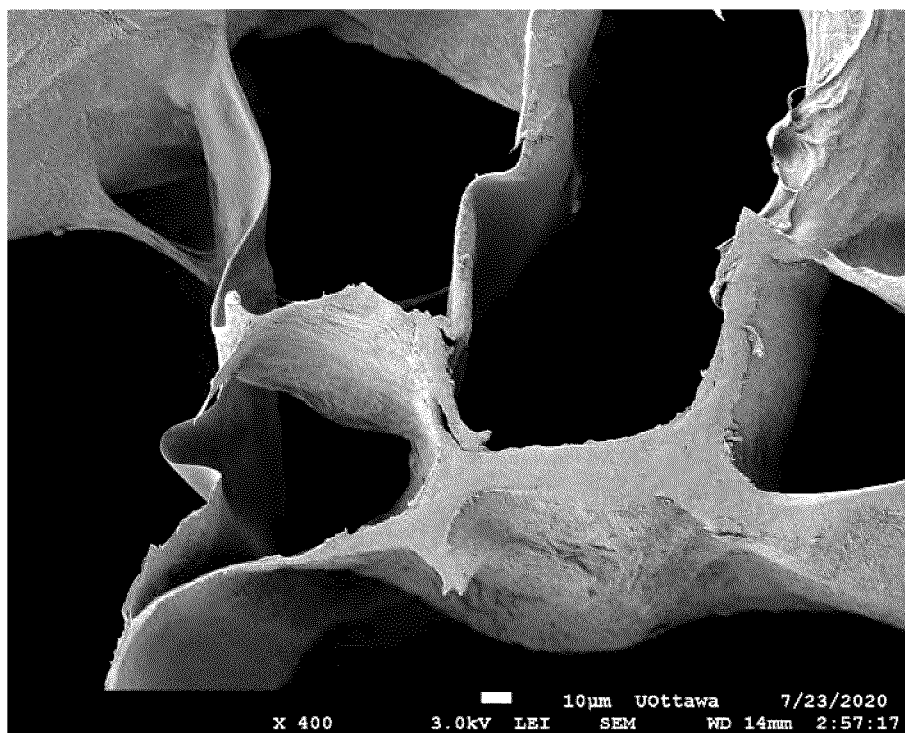


FIGURE 28

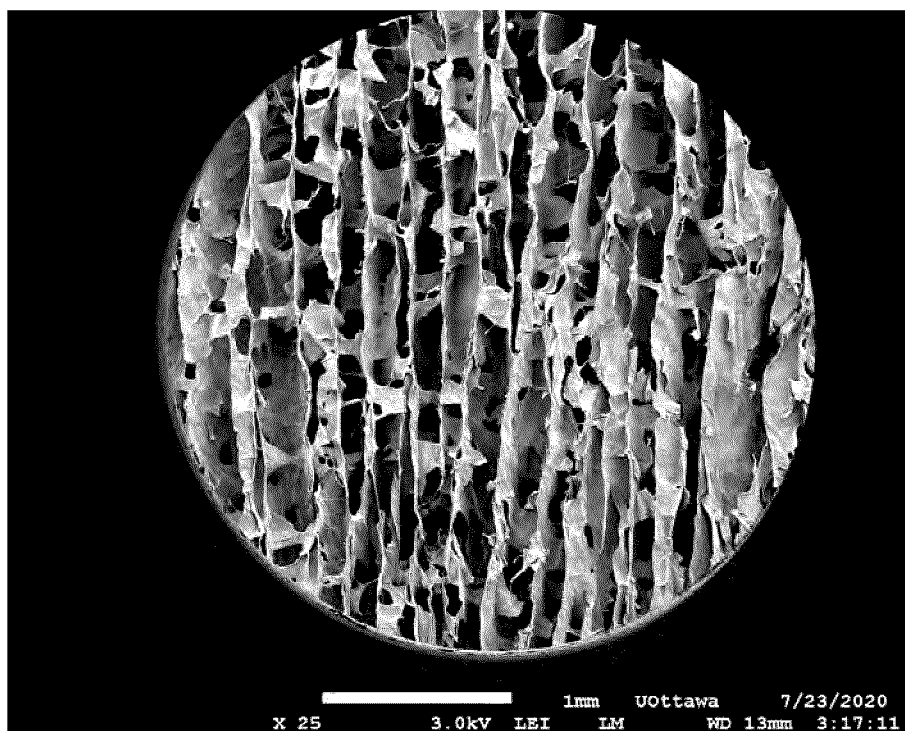


FIGURE 29

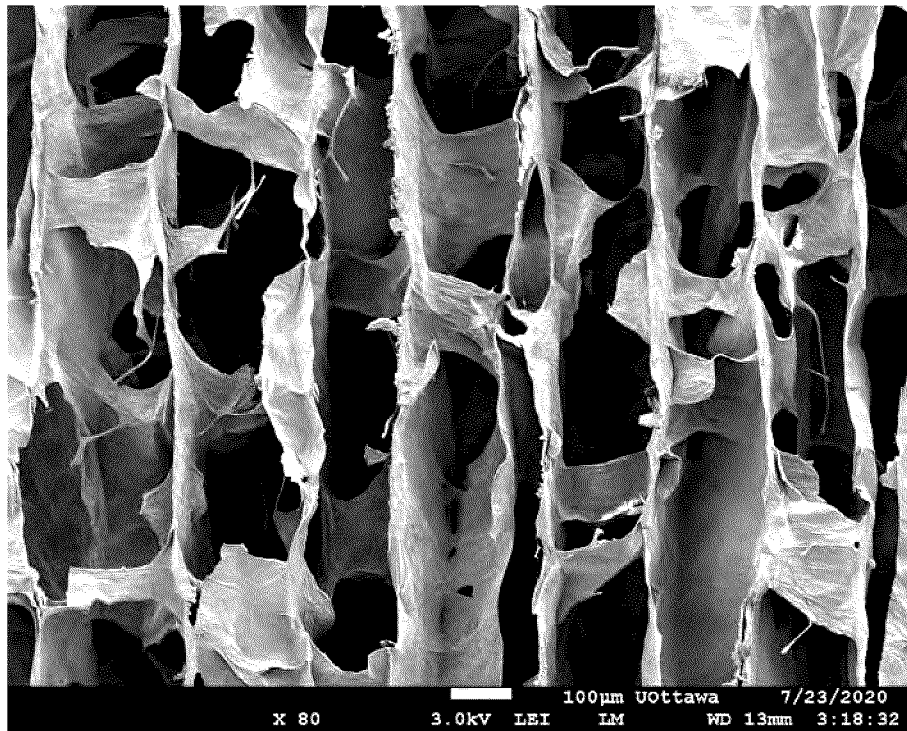


FIGURE 30

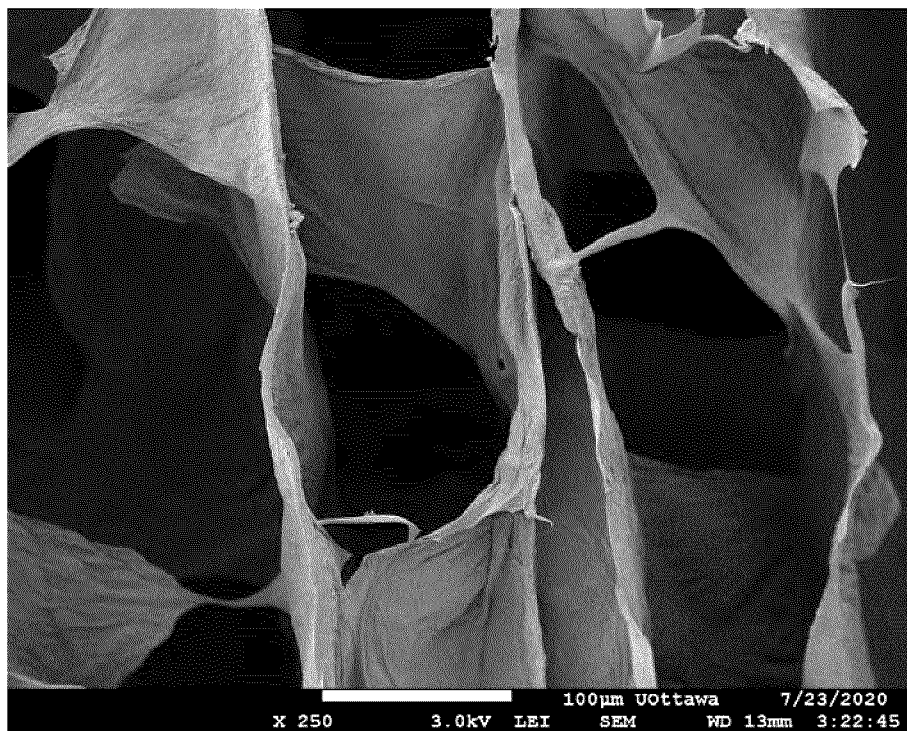


FIGURE 31

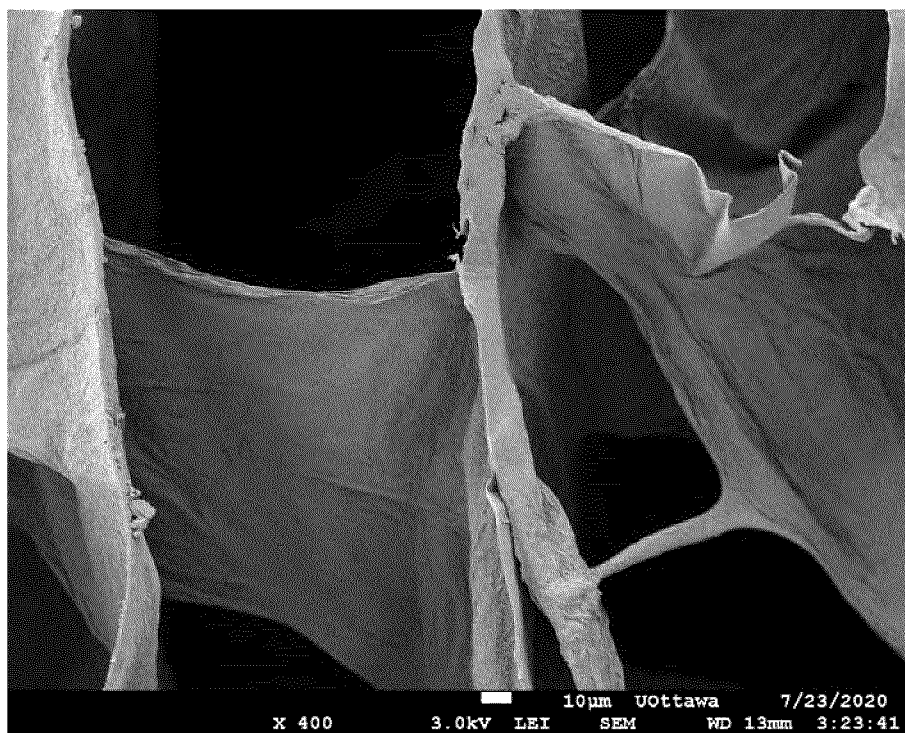


FIGURE 32

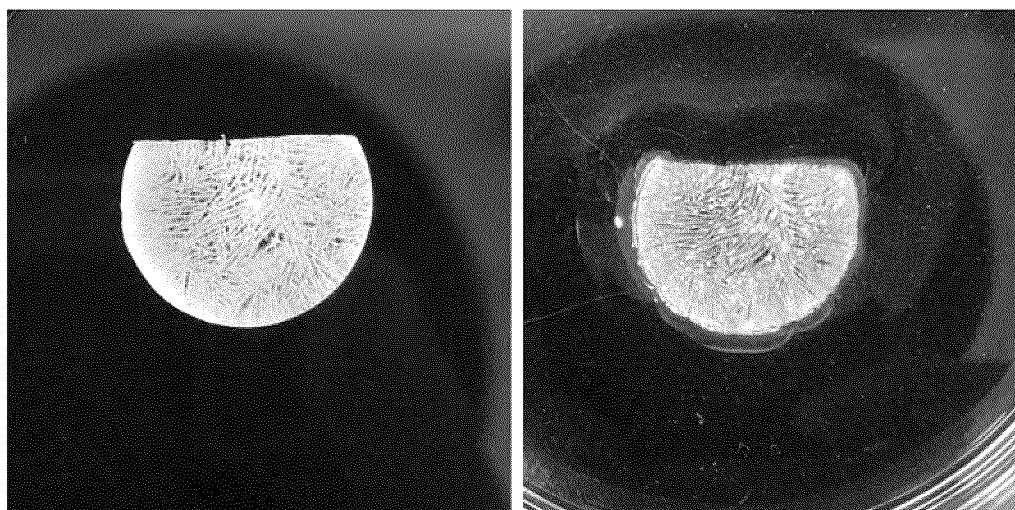


FIGURE 33



FIGURE 34

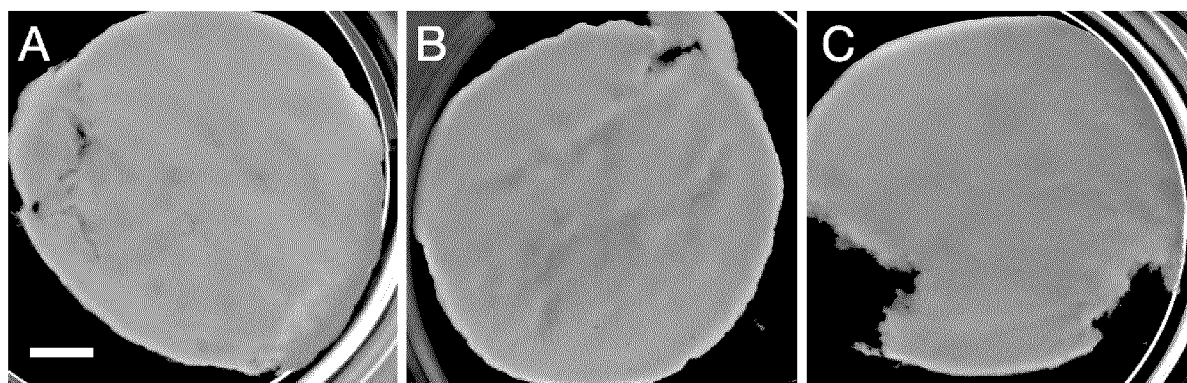


FIGURE 35

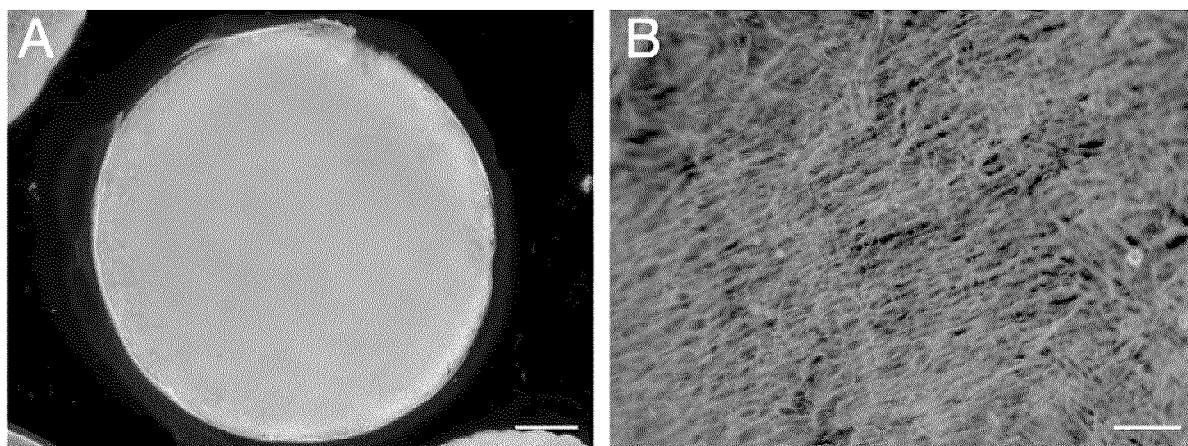


FIGURE 36

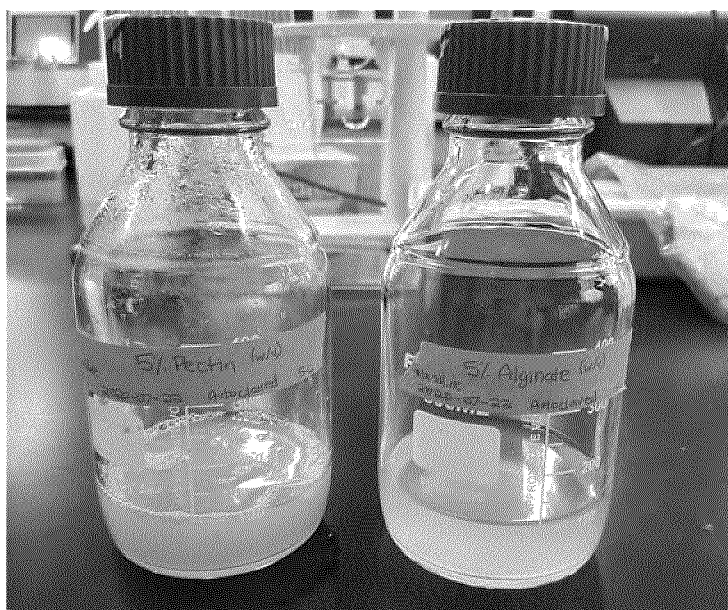


FIGURE 37

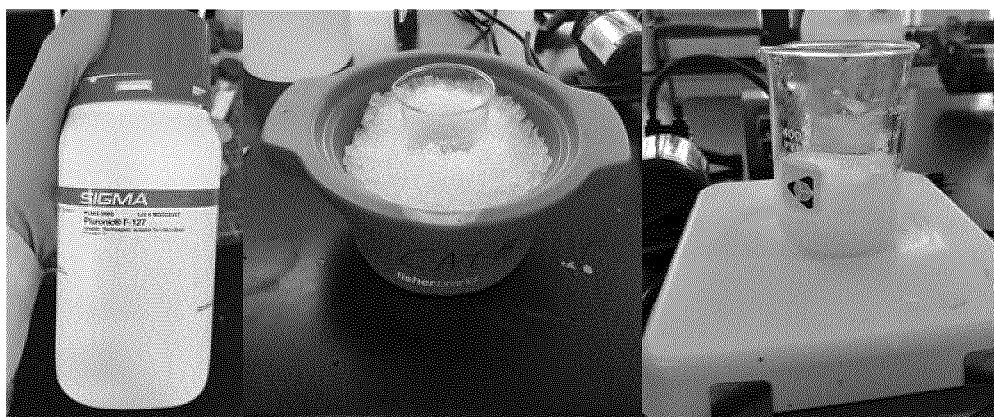


FIGURE 38

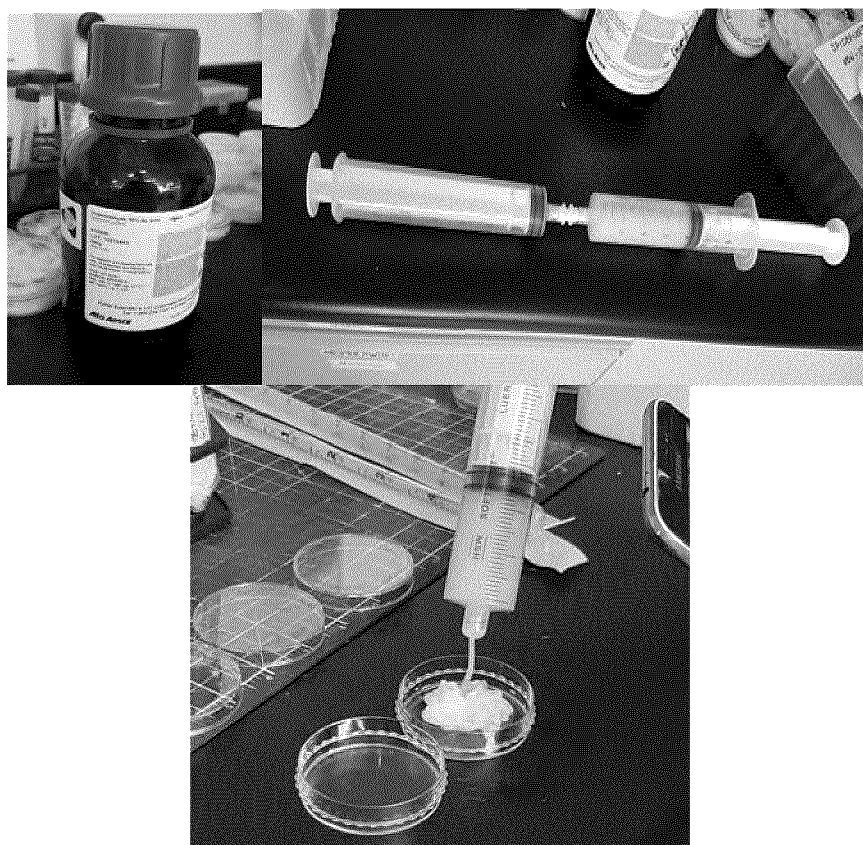


FIGURE 39



FIGURE 40

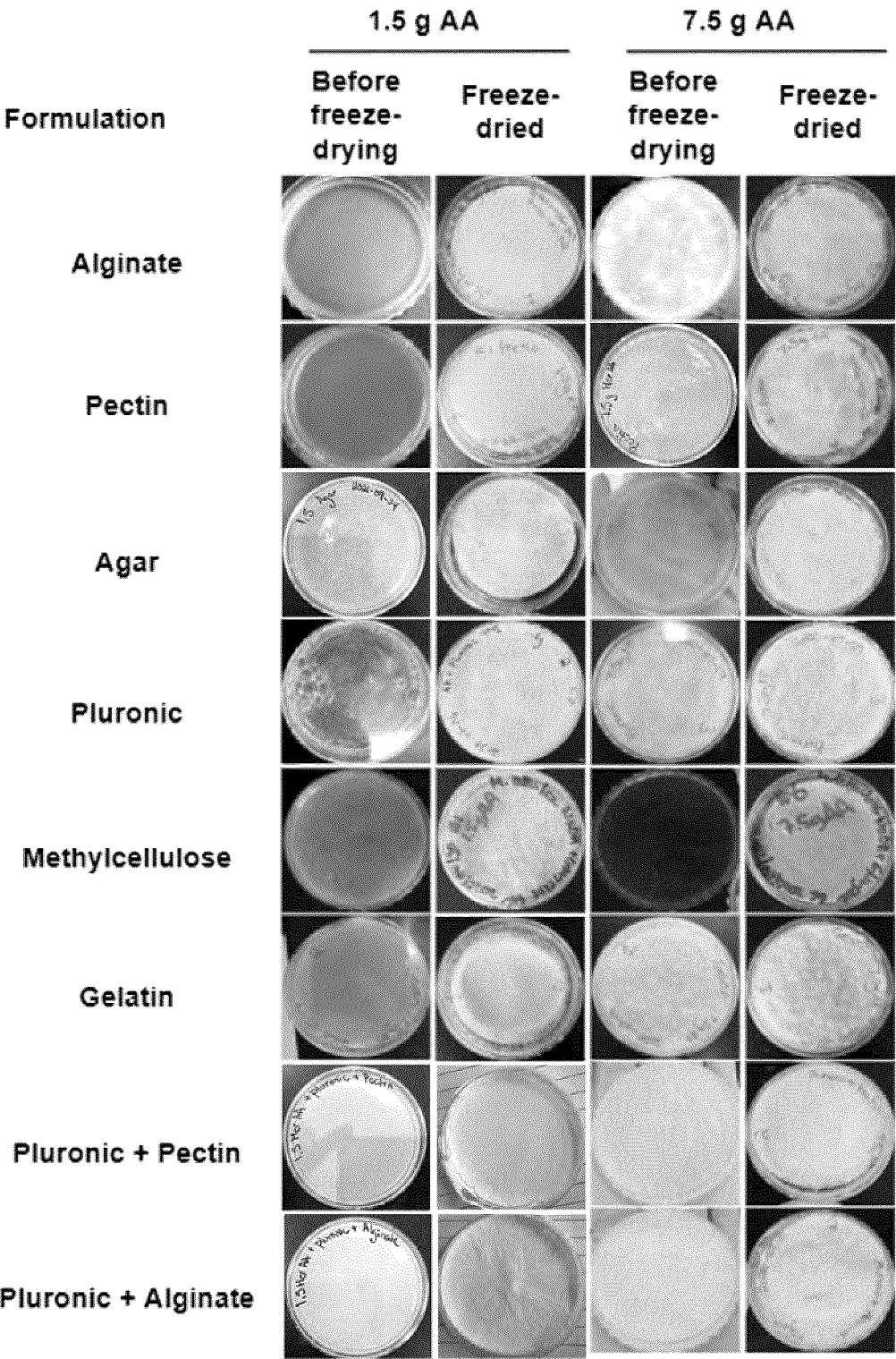


FIGURE 41

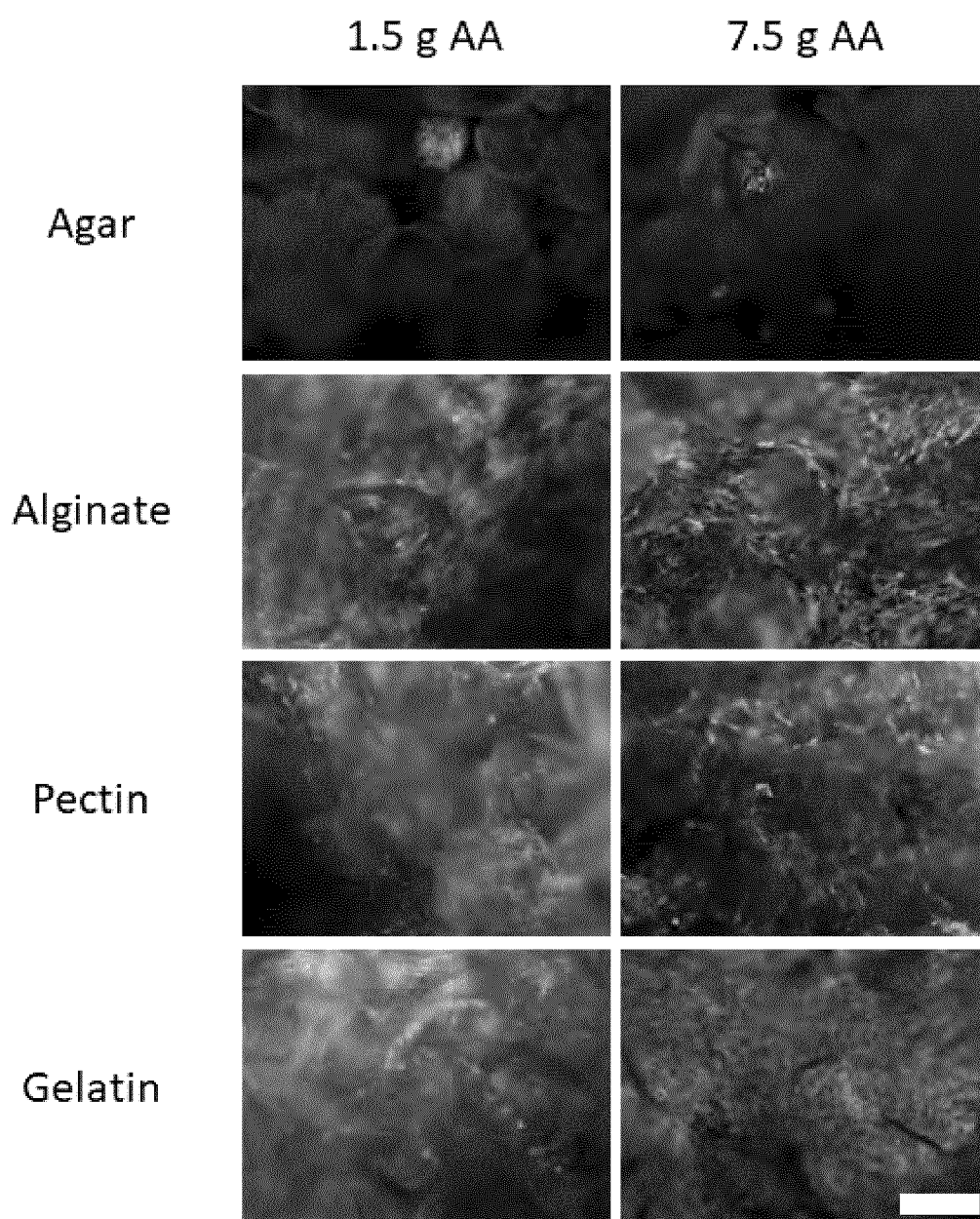


FIGURE 42

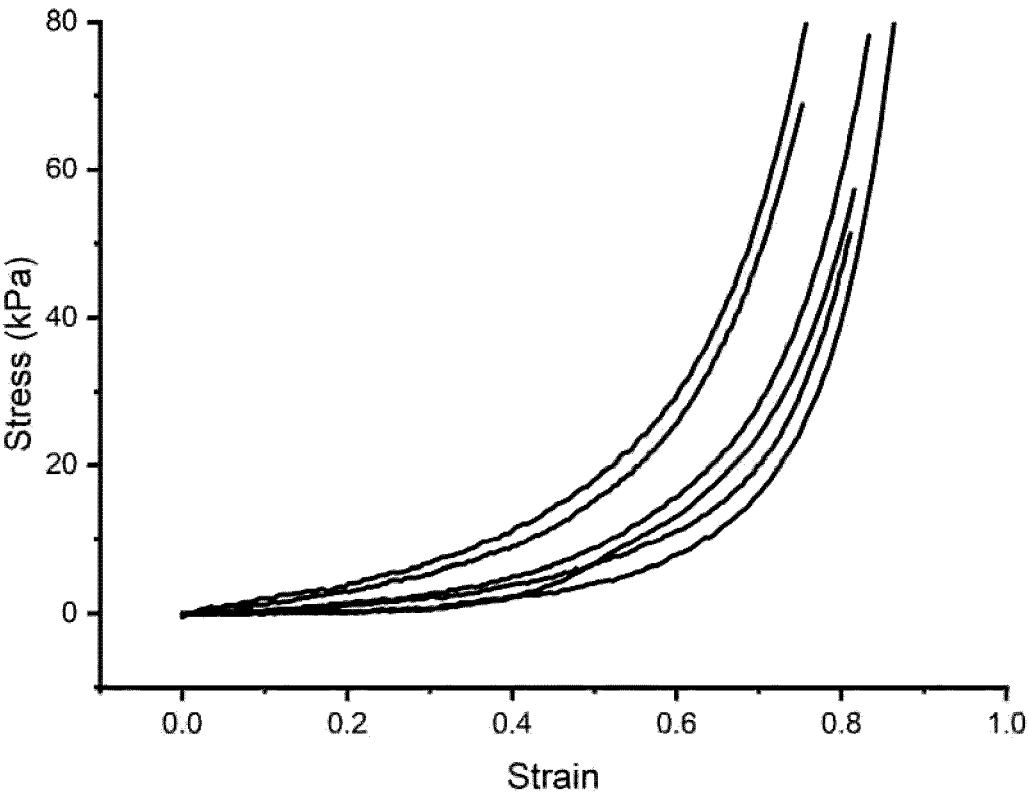


FIGURE 43

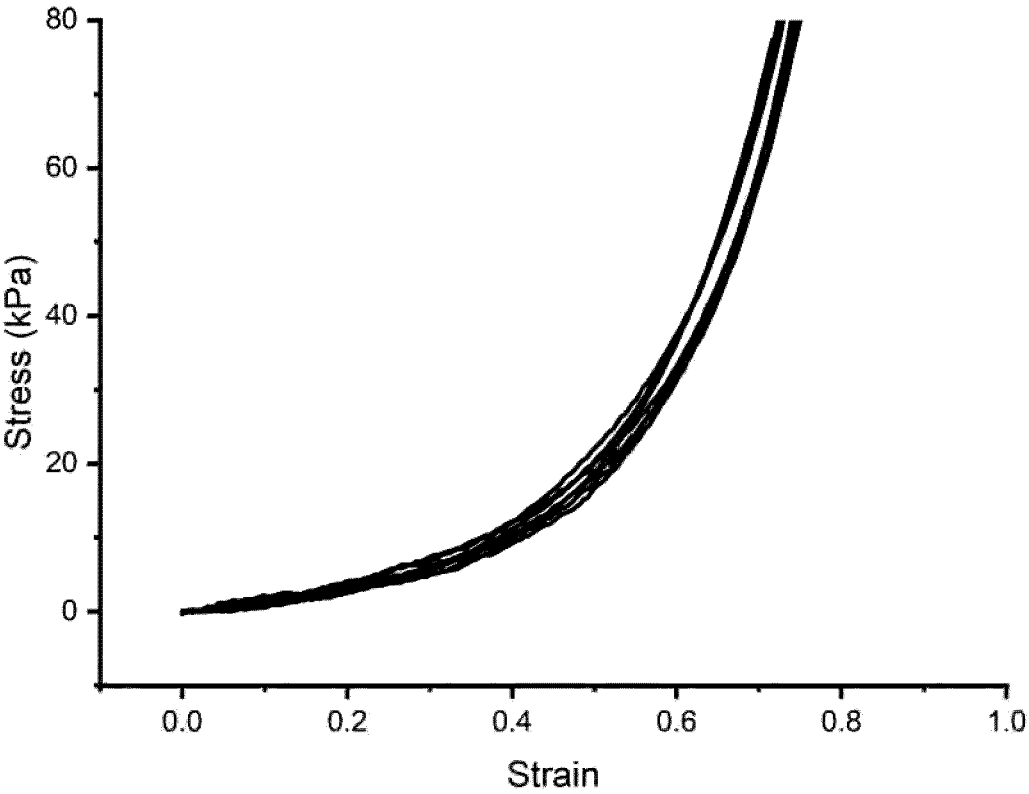


FIGURE 44

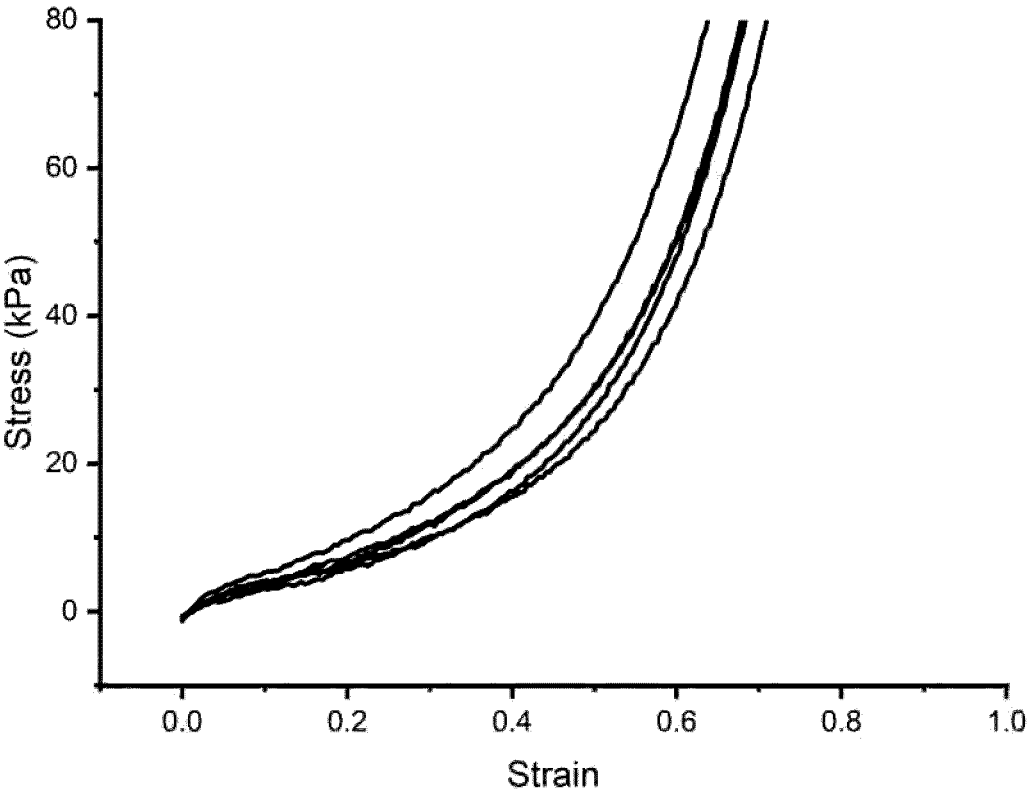


FIGURE 45

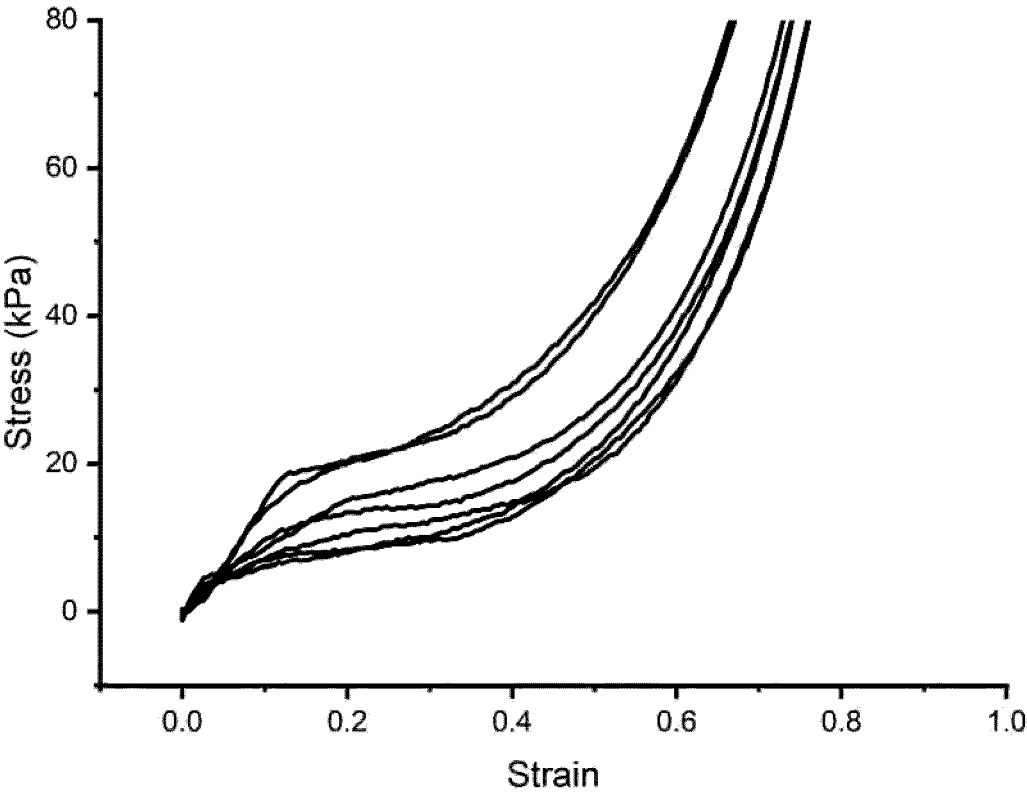


FIGURE 46

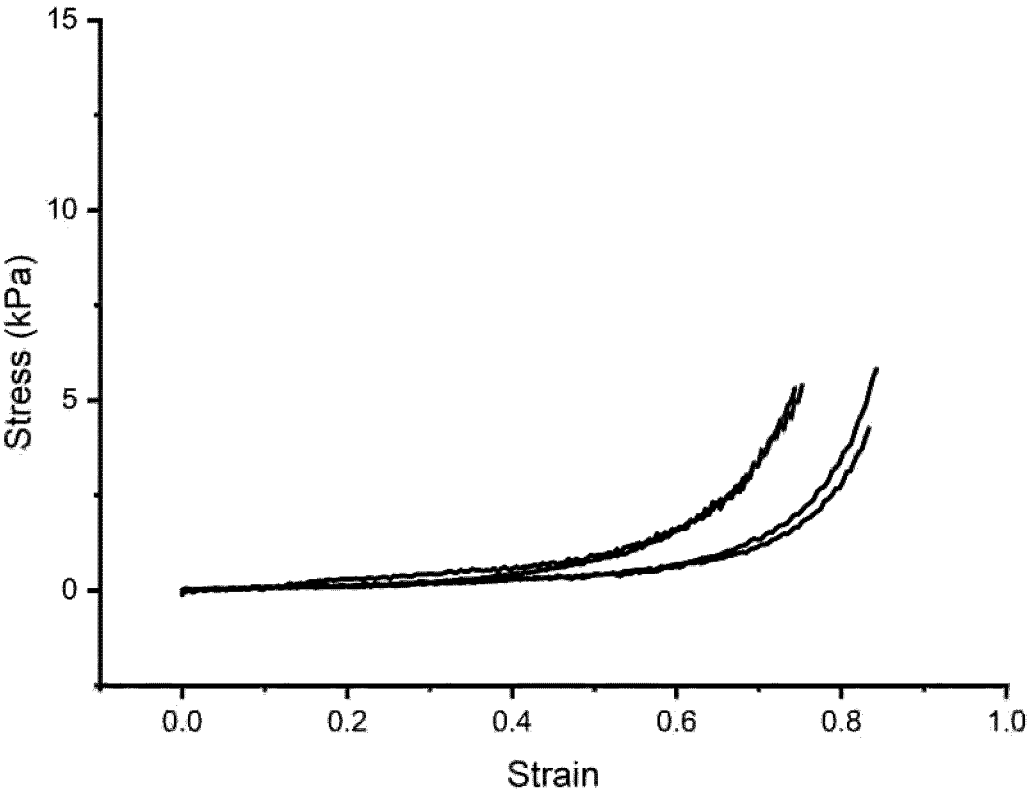


FIGURE 47

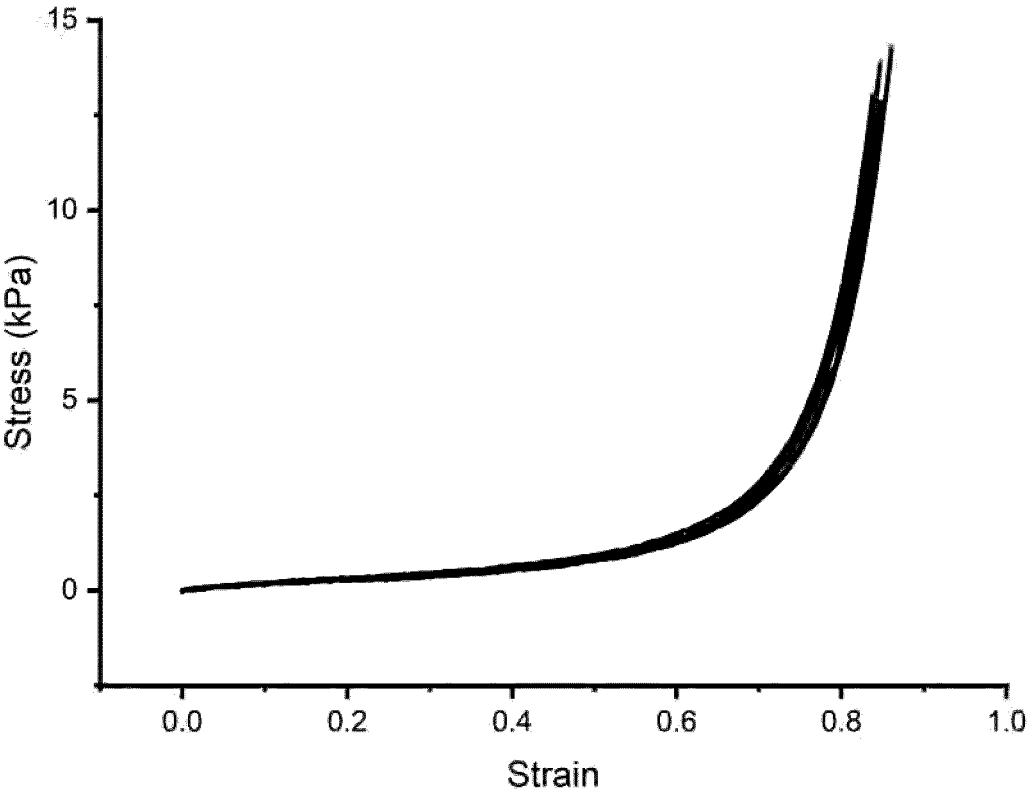


FIGURE 48

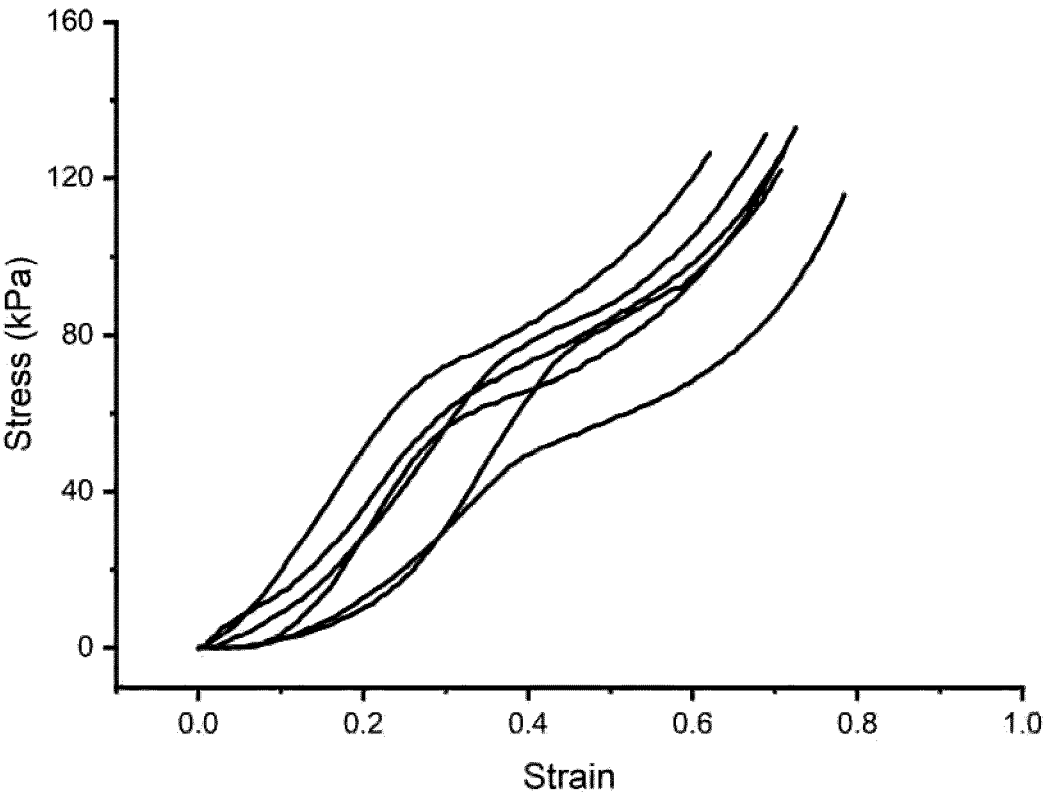


FIGURE 49

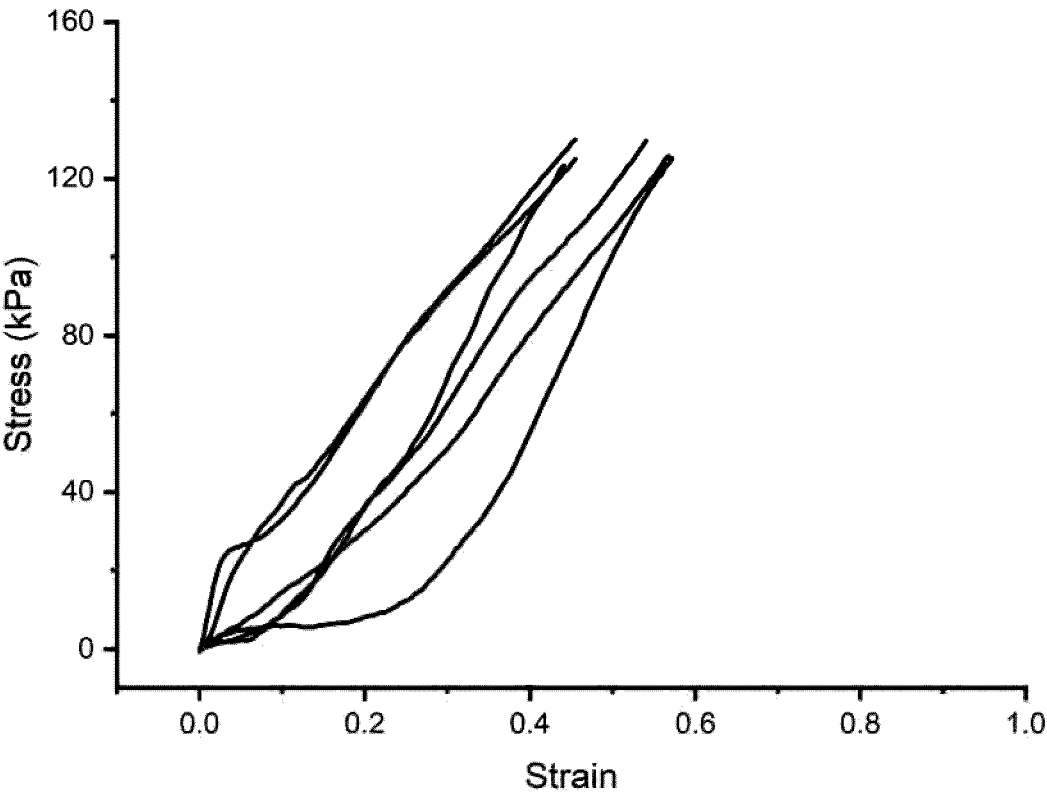


FIGURE 50

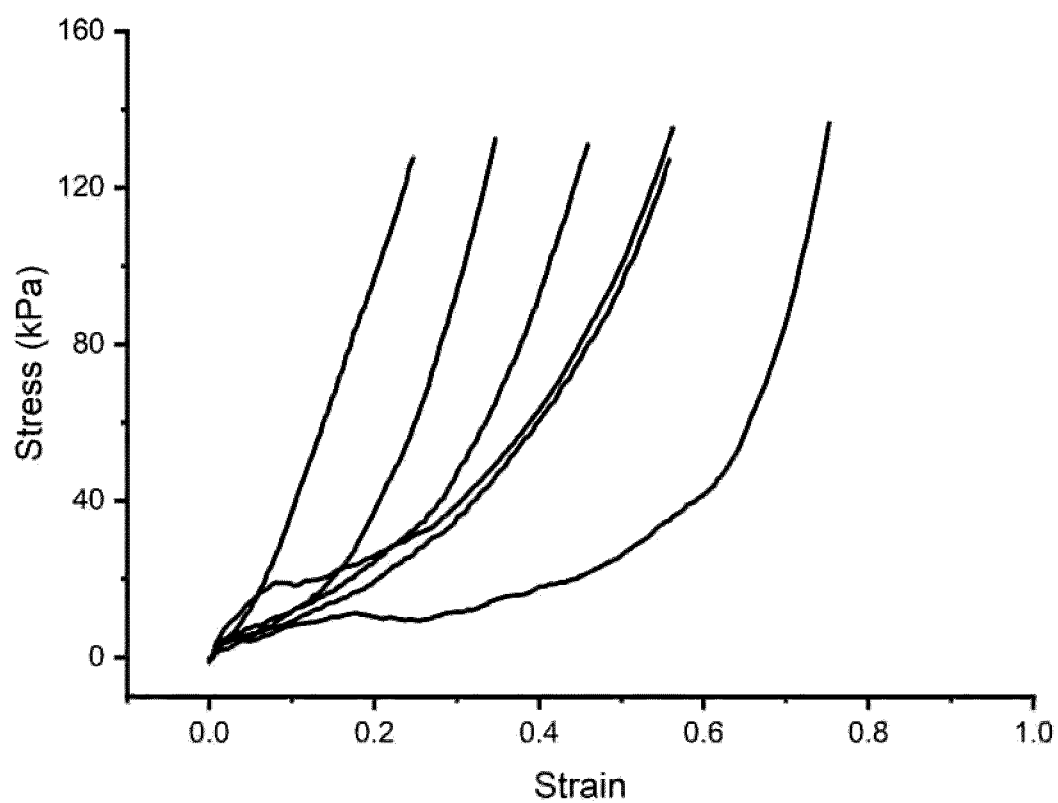


FIGURE 51

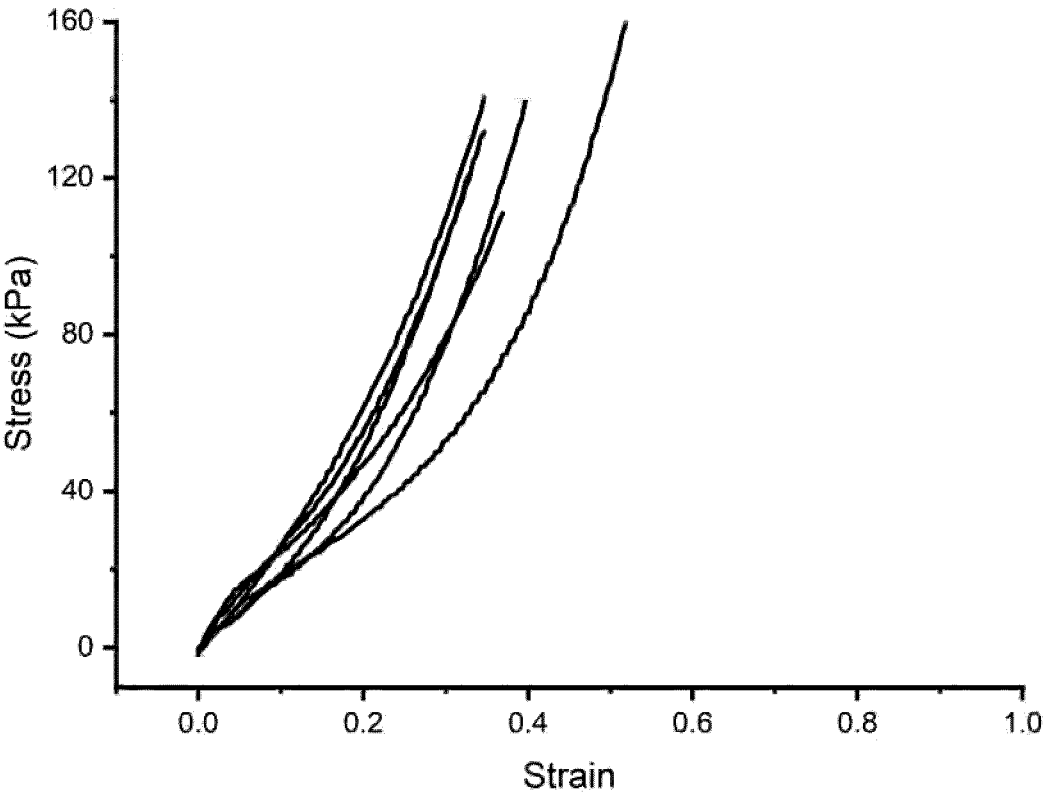


FIGURE 52

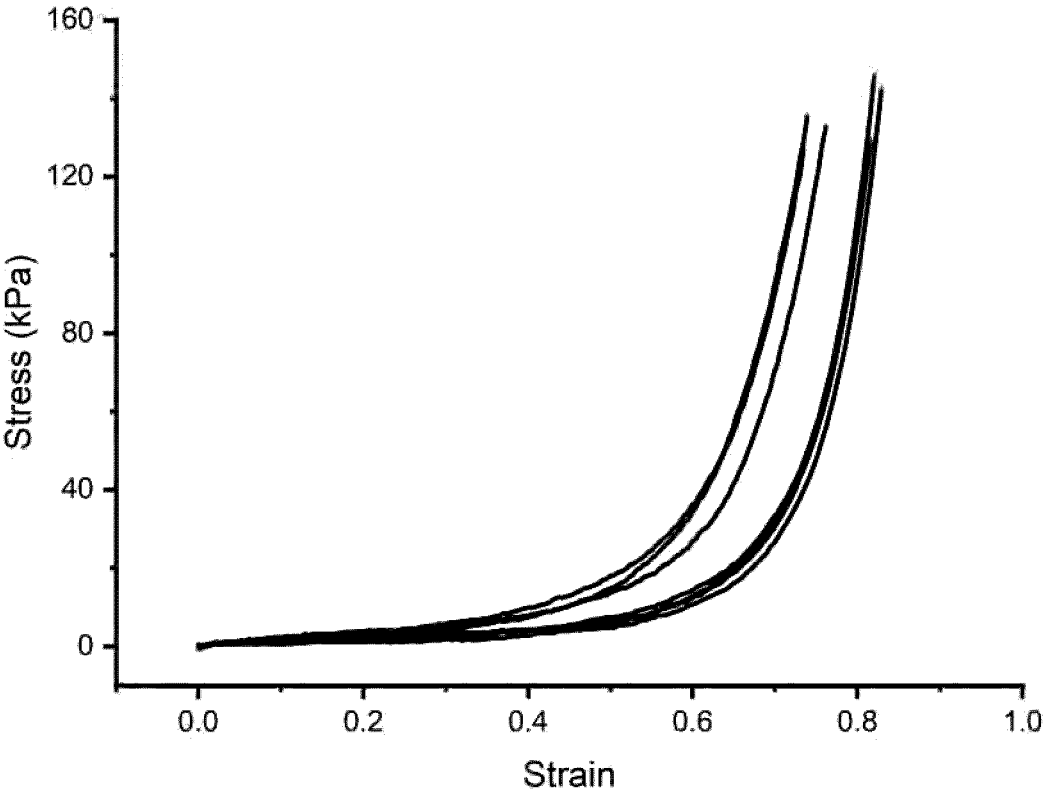


FIGURE 53

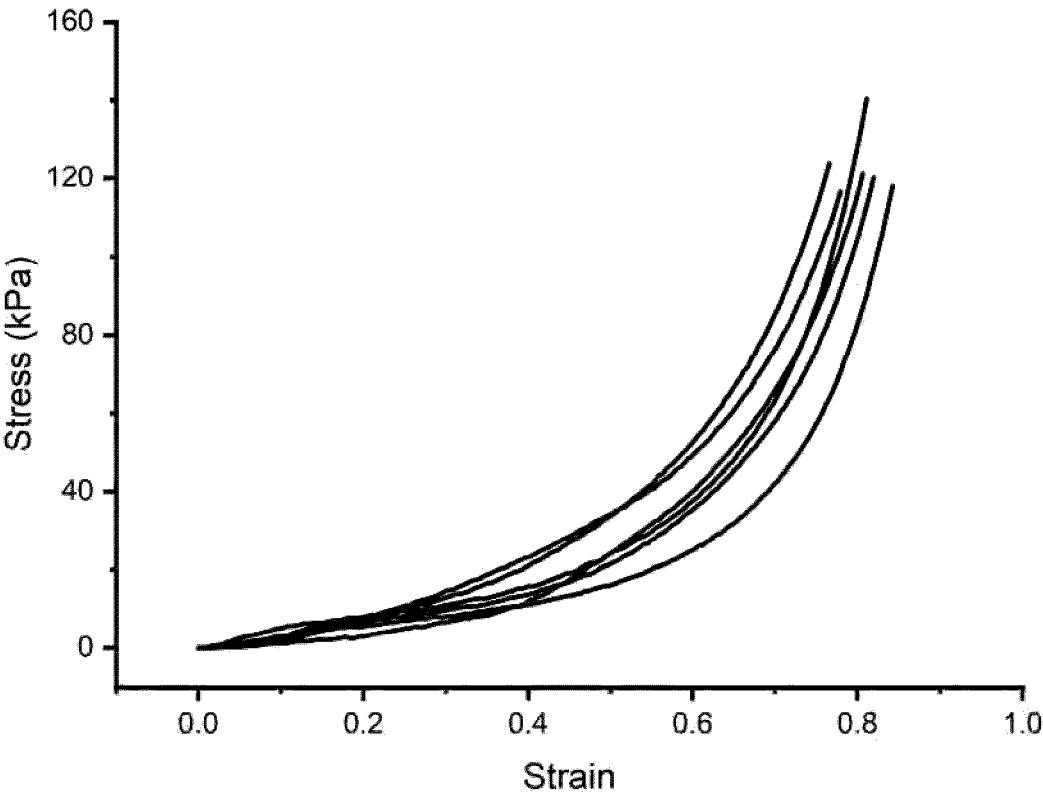


FIGURE 54

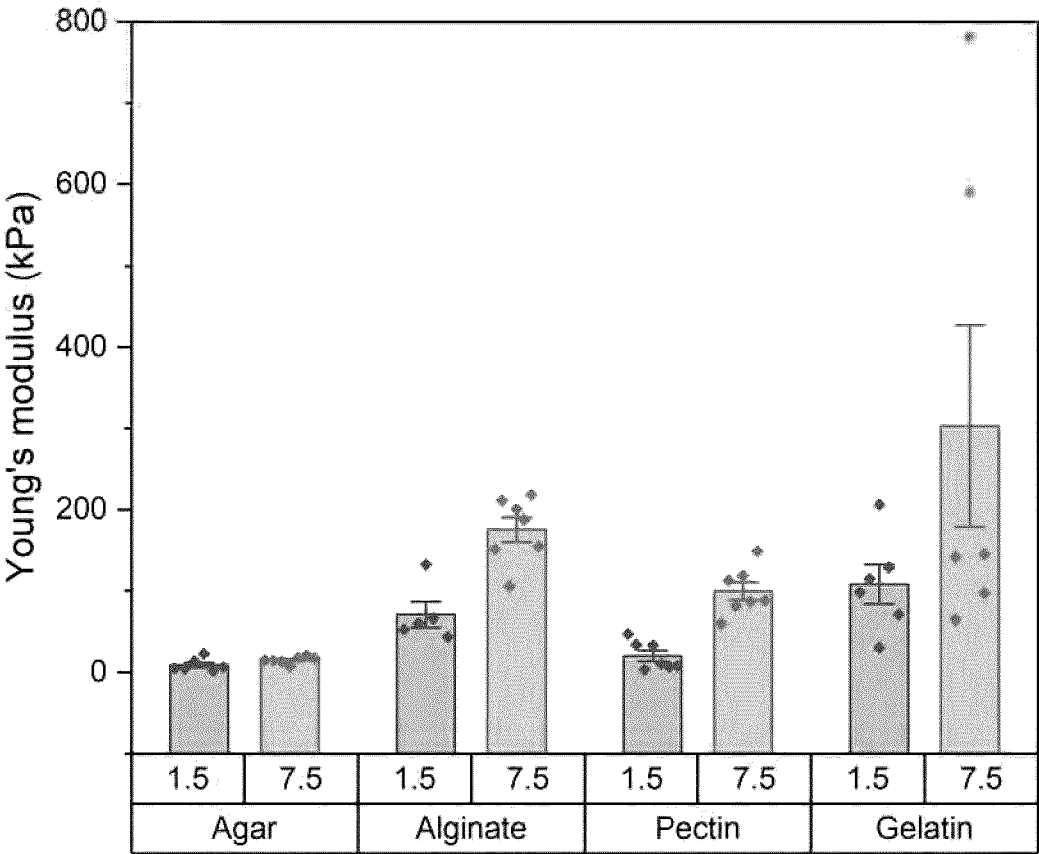


FIGURE 55

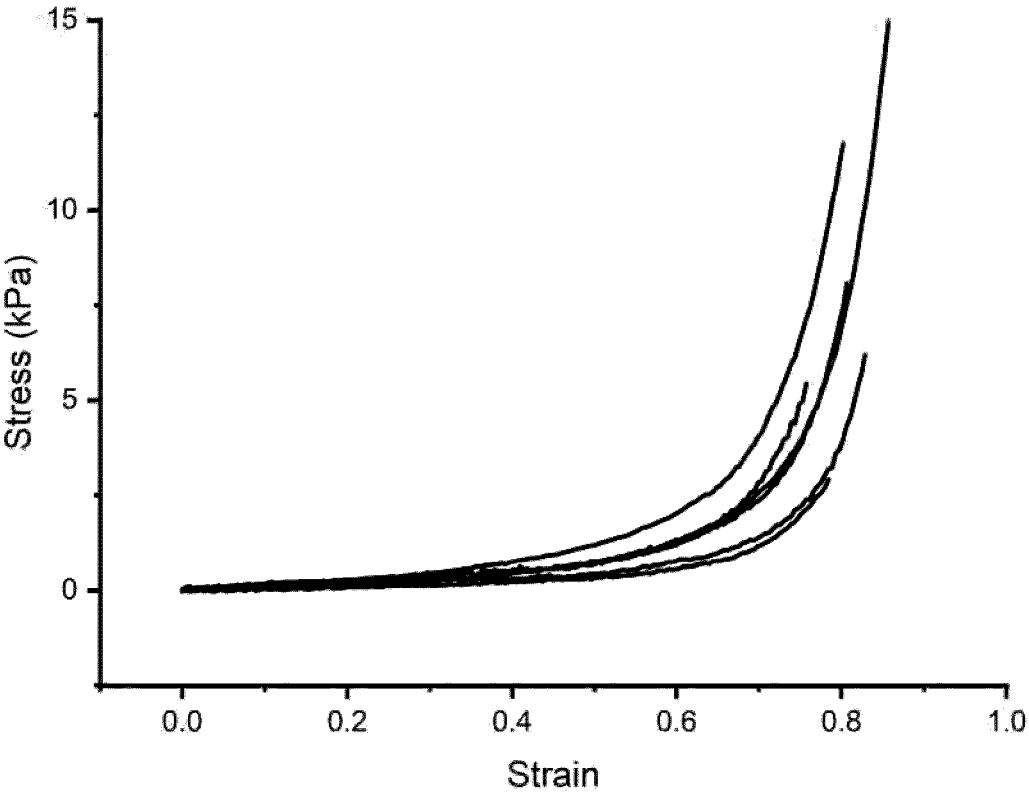


FIGURE 56

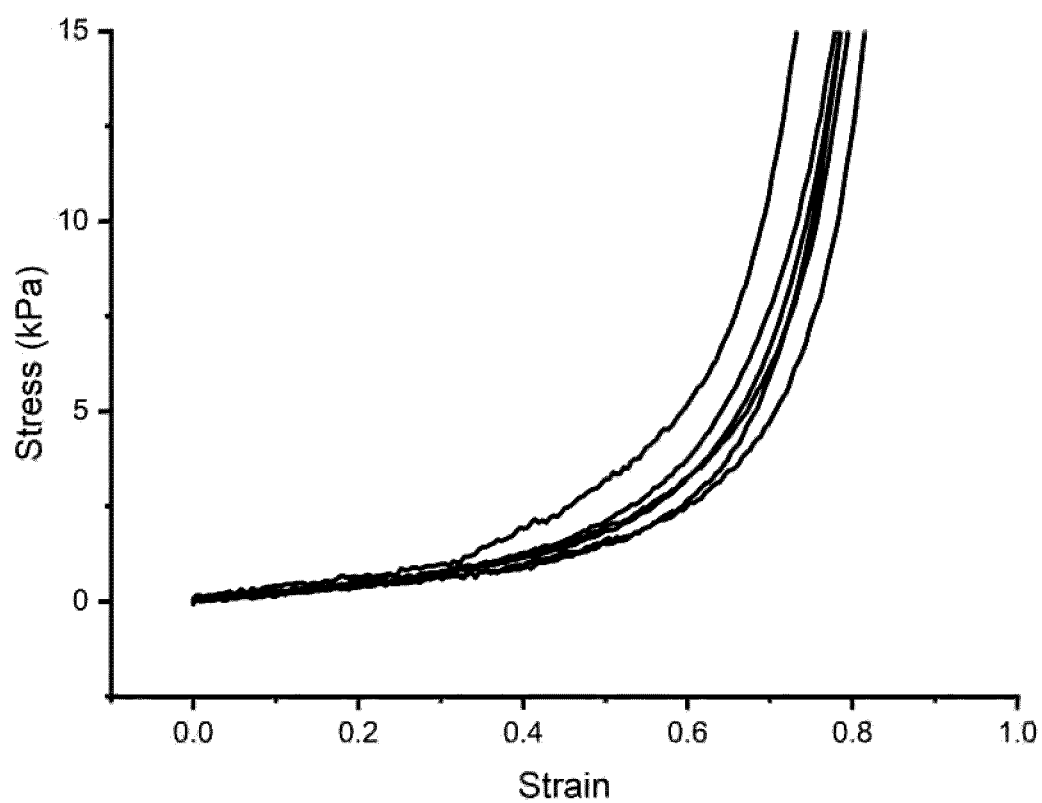


FIGURE 57

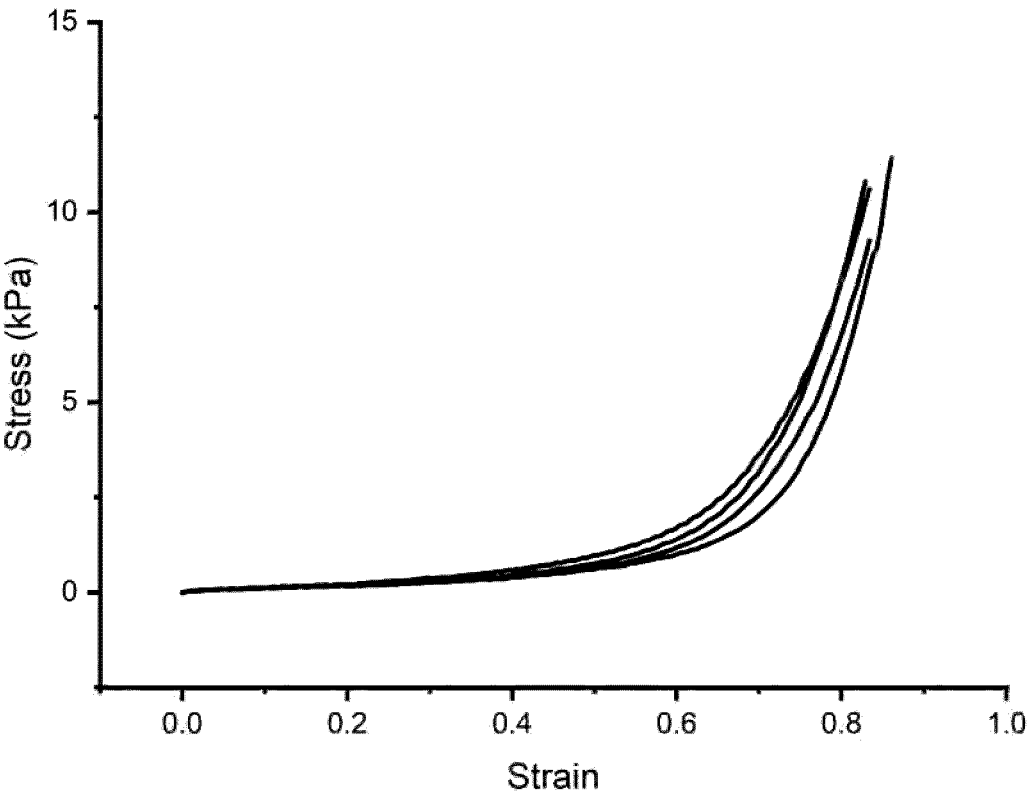


FIGURE 58

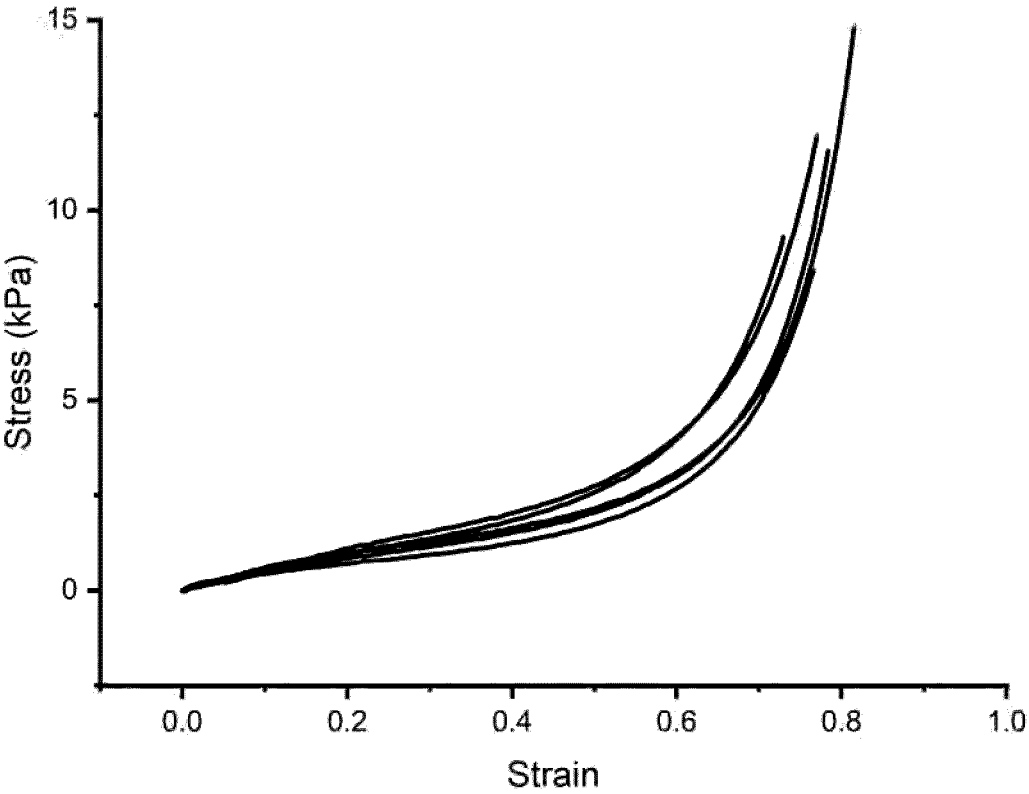


FIGURE 59

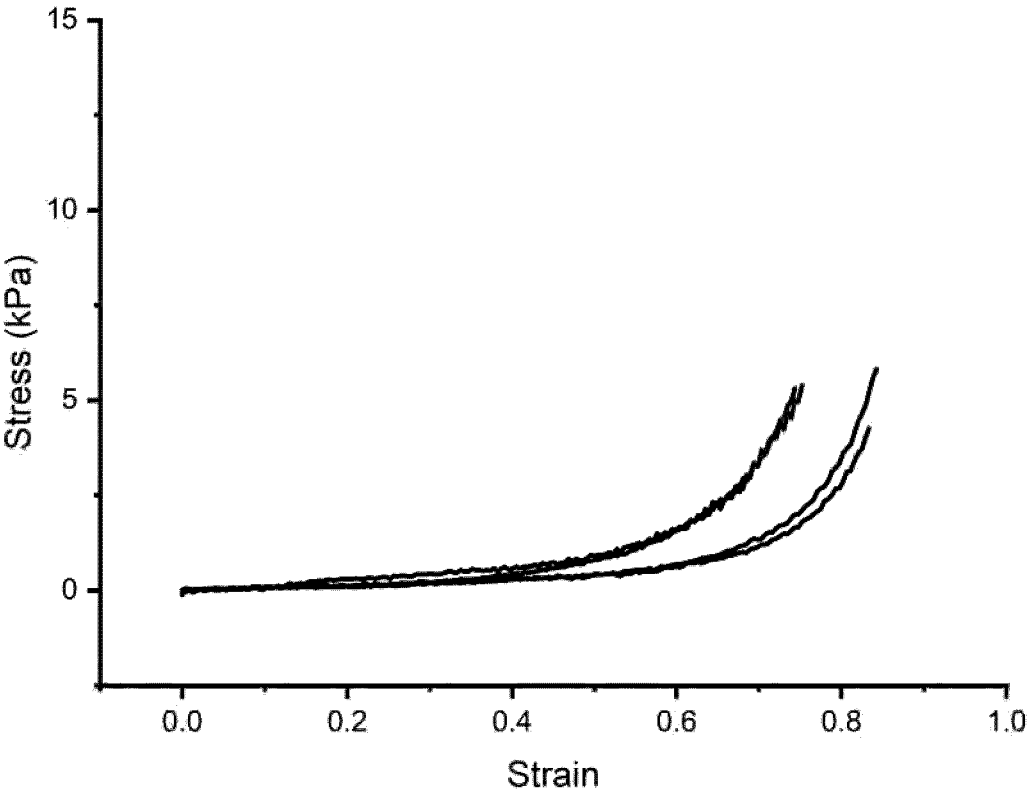


FIGURE 60

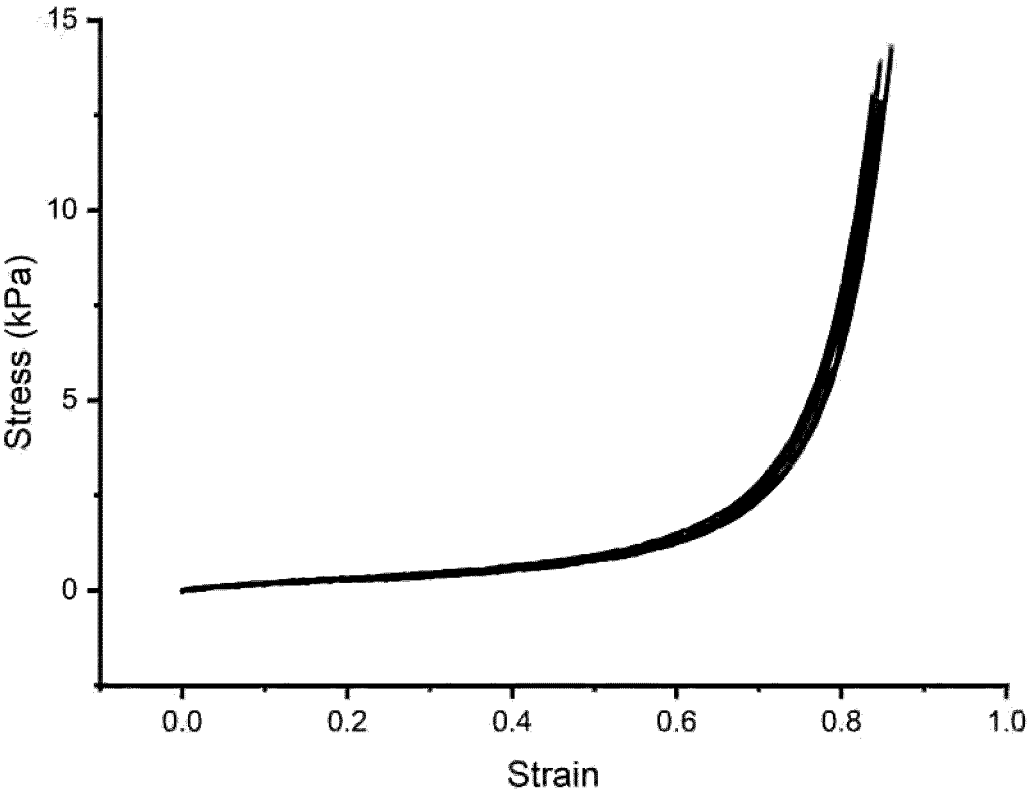


FIGURE 61

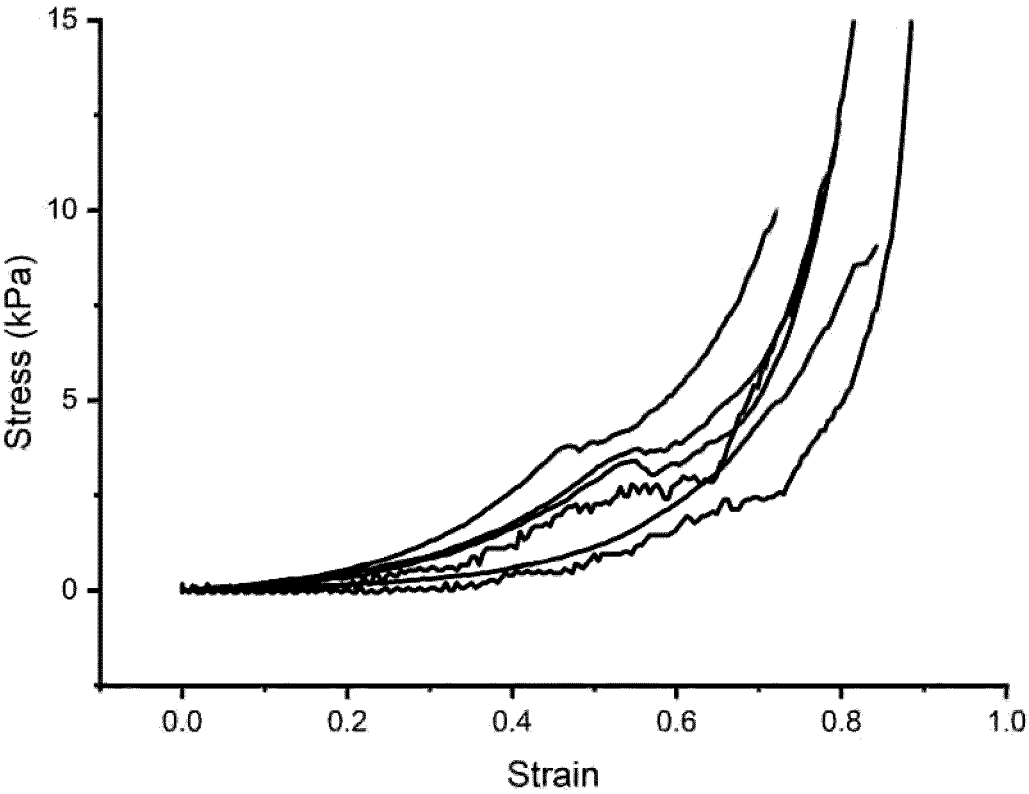


FIGURE 62

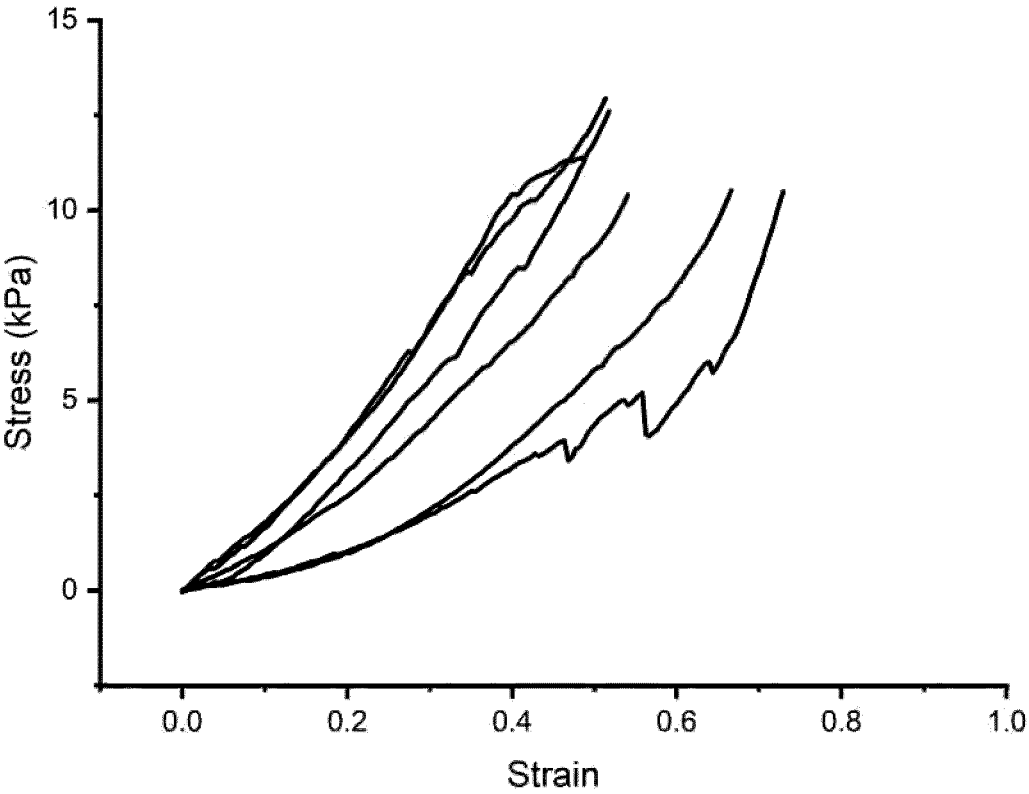


FIGURE 63

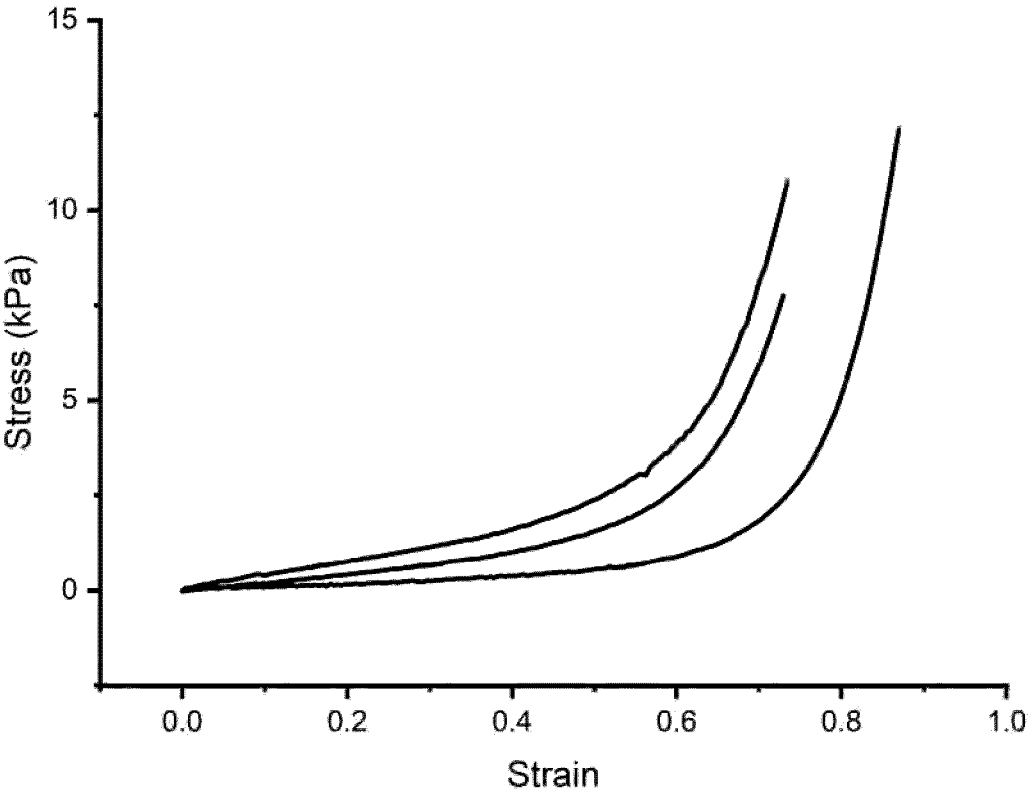


FIGURE 64

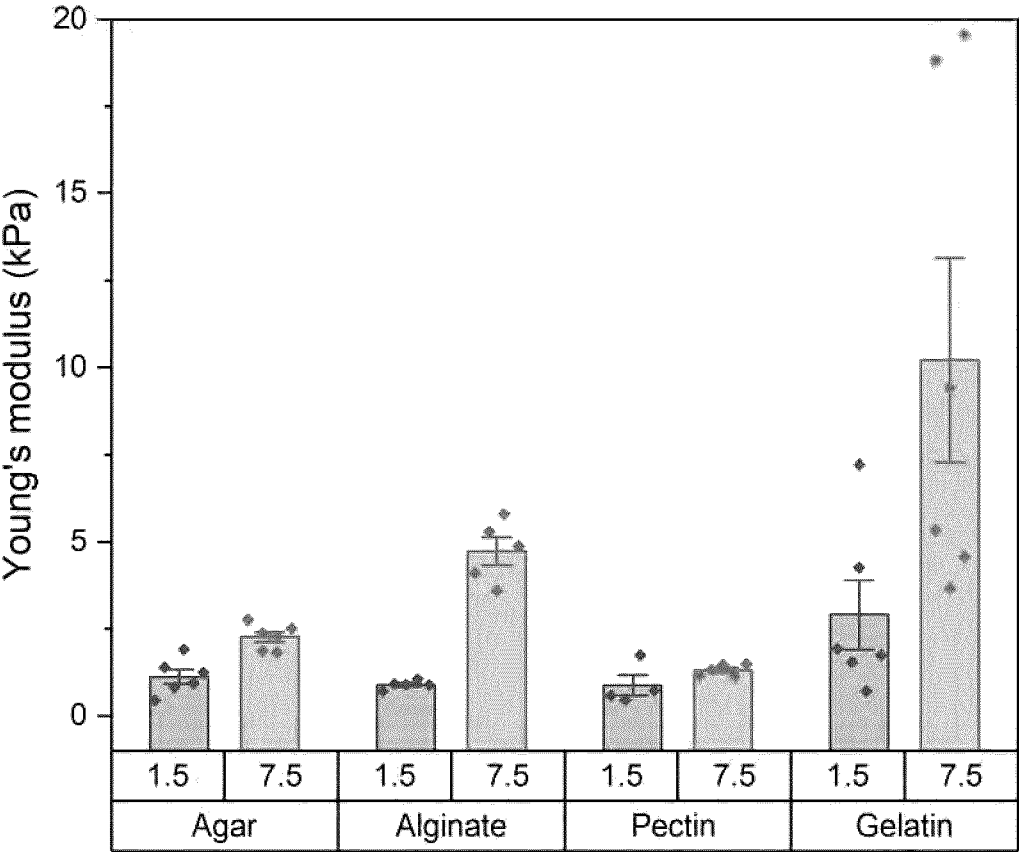


FIGURE 65

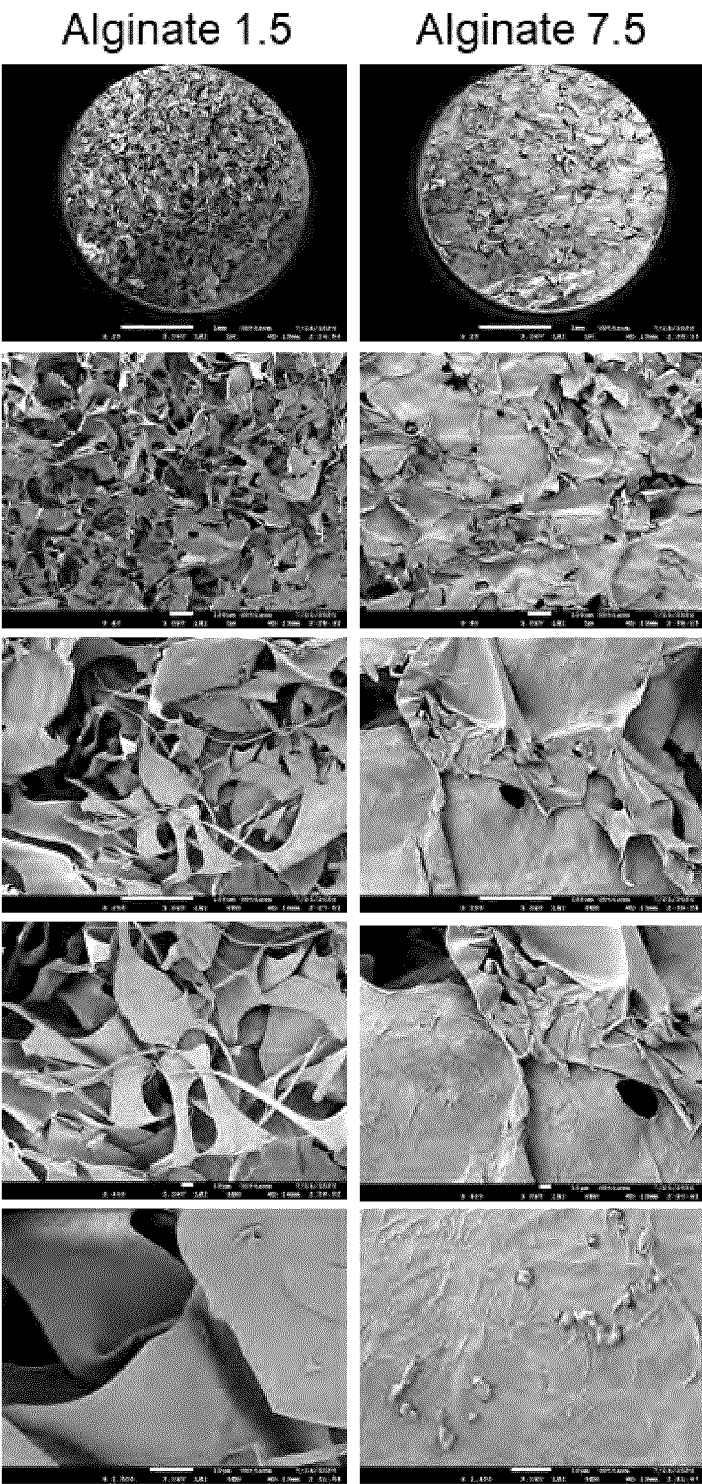


FIGURE 66

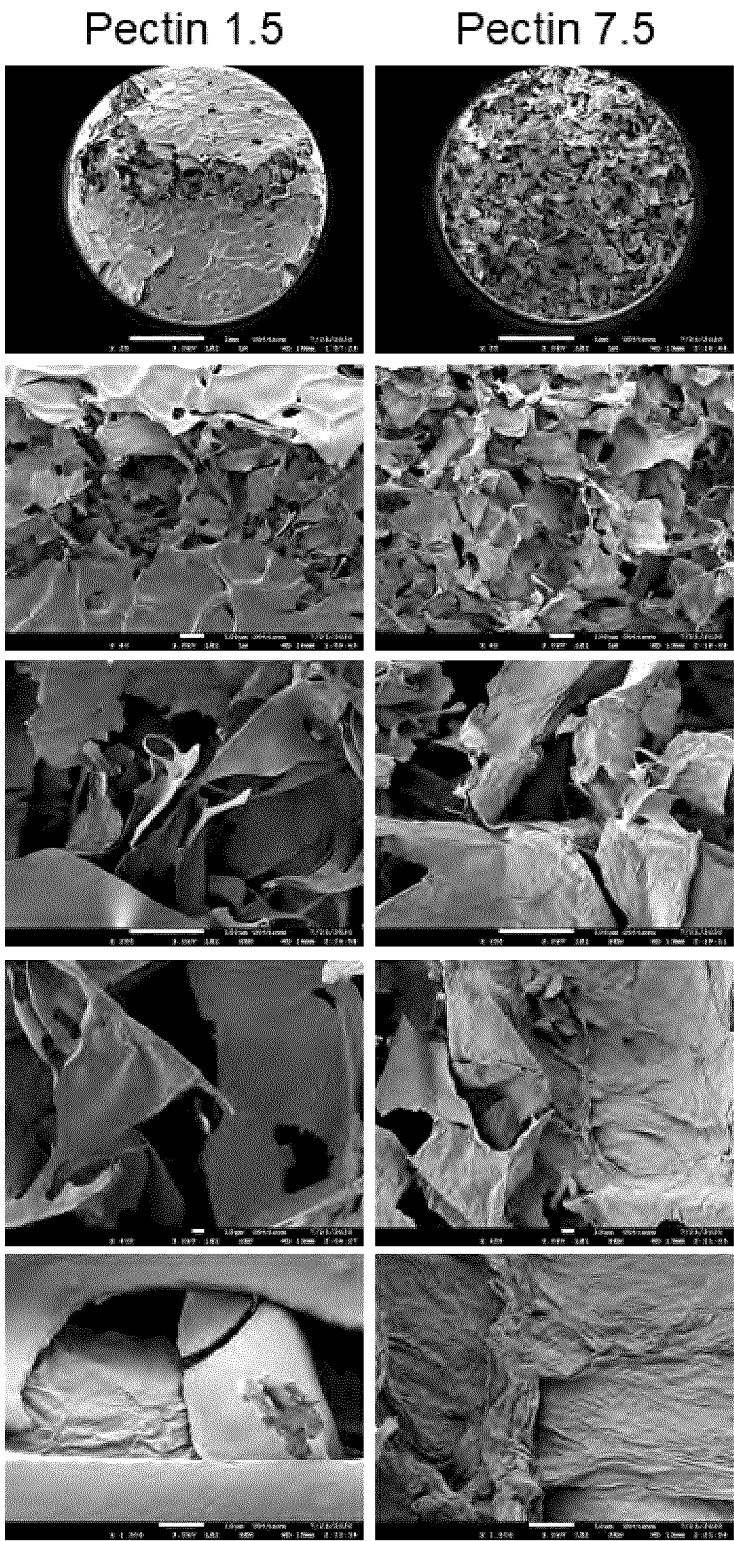


FIGURE 67

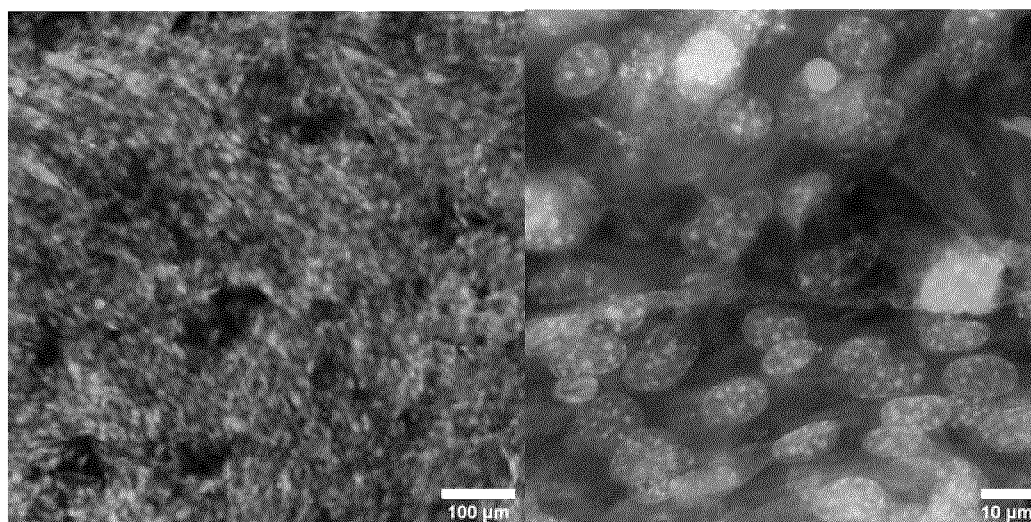


FIGURE 68

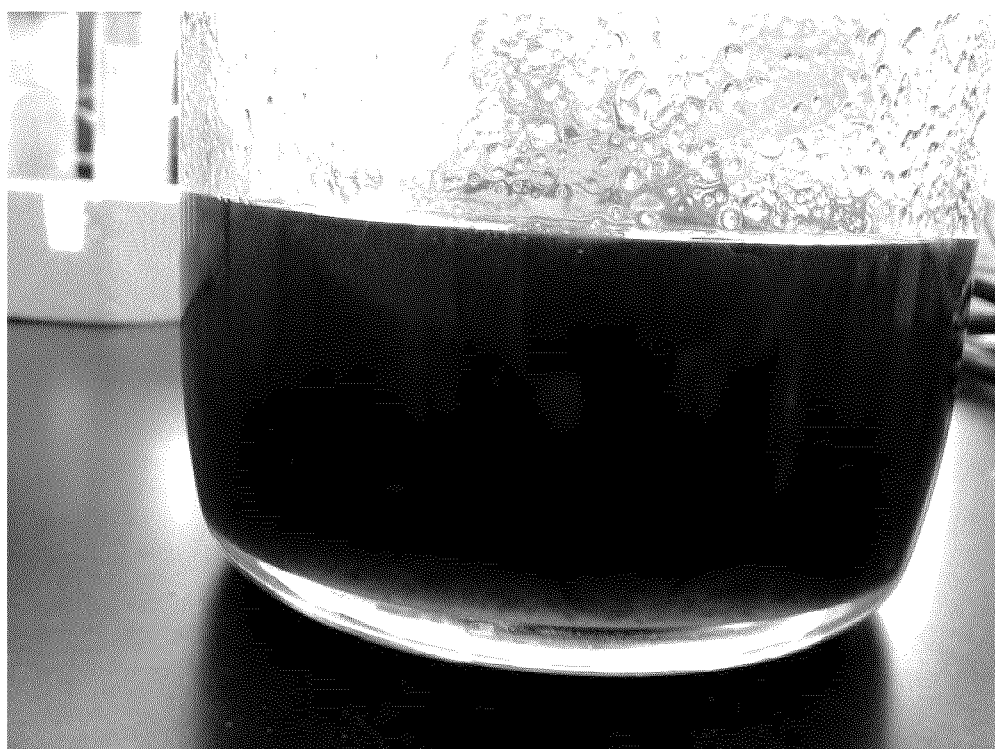


FIGURE 69

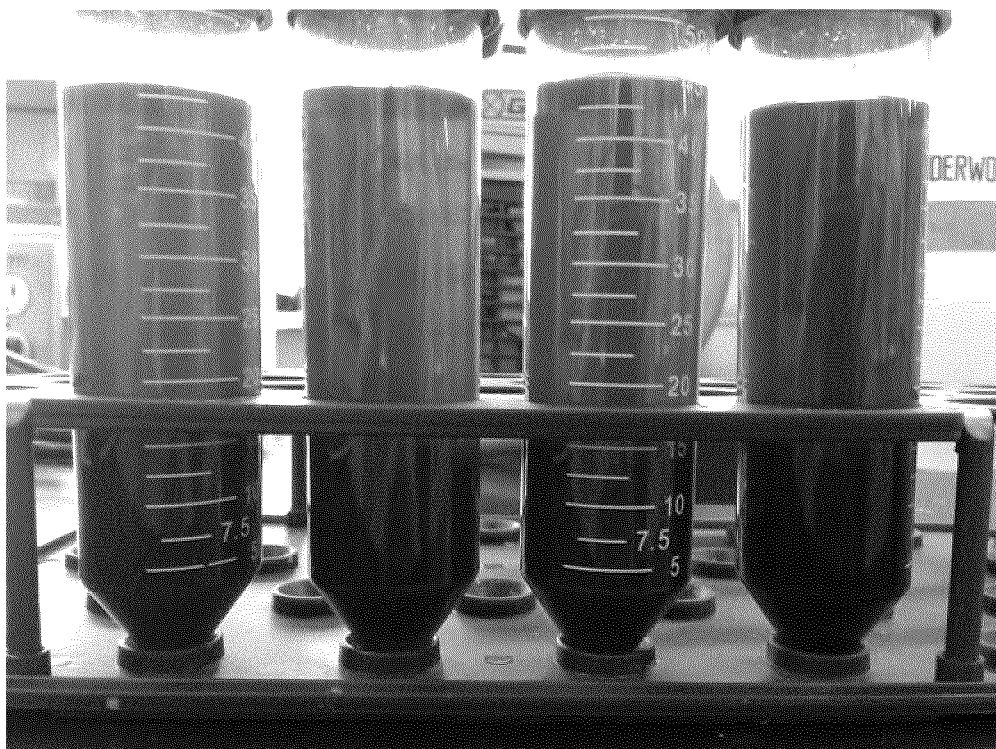


FIGURE 70



FIGURE 71



FIGURE 72

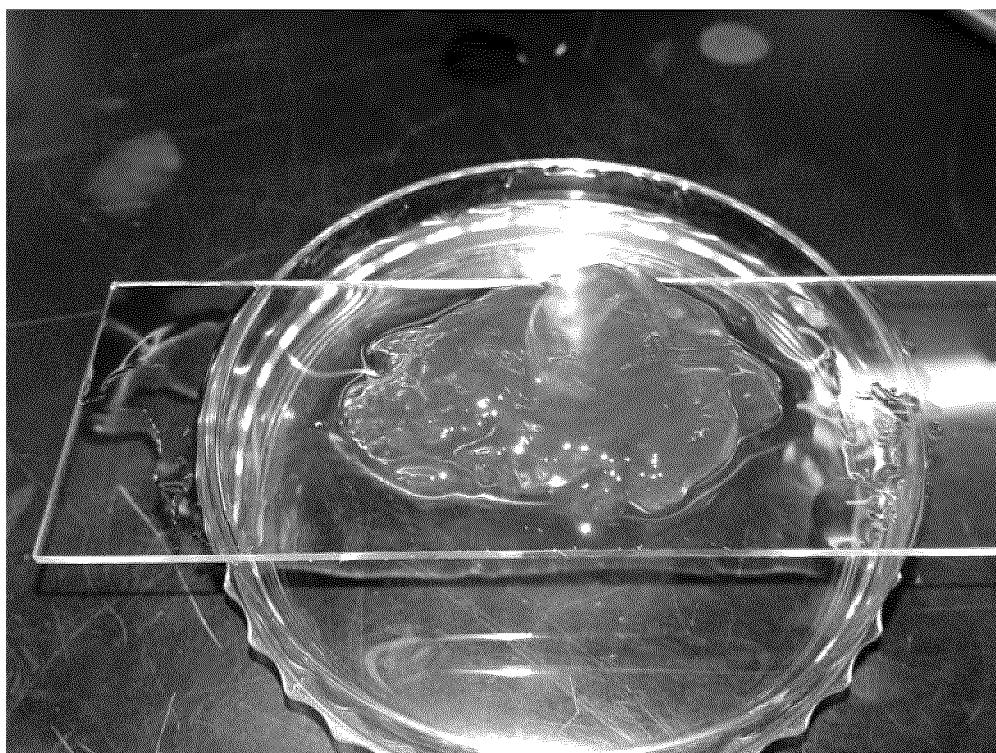


FIGURE 73

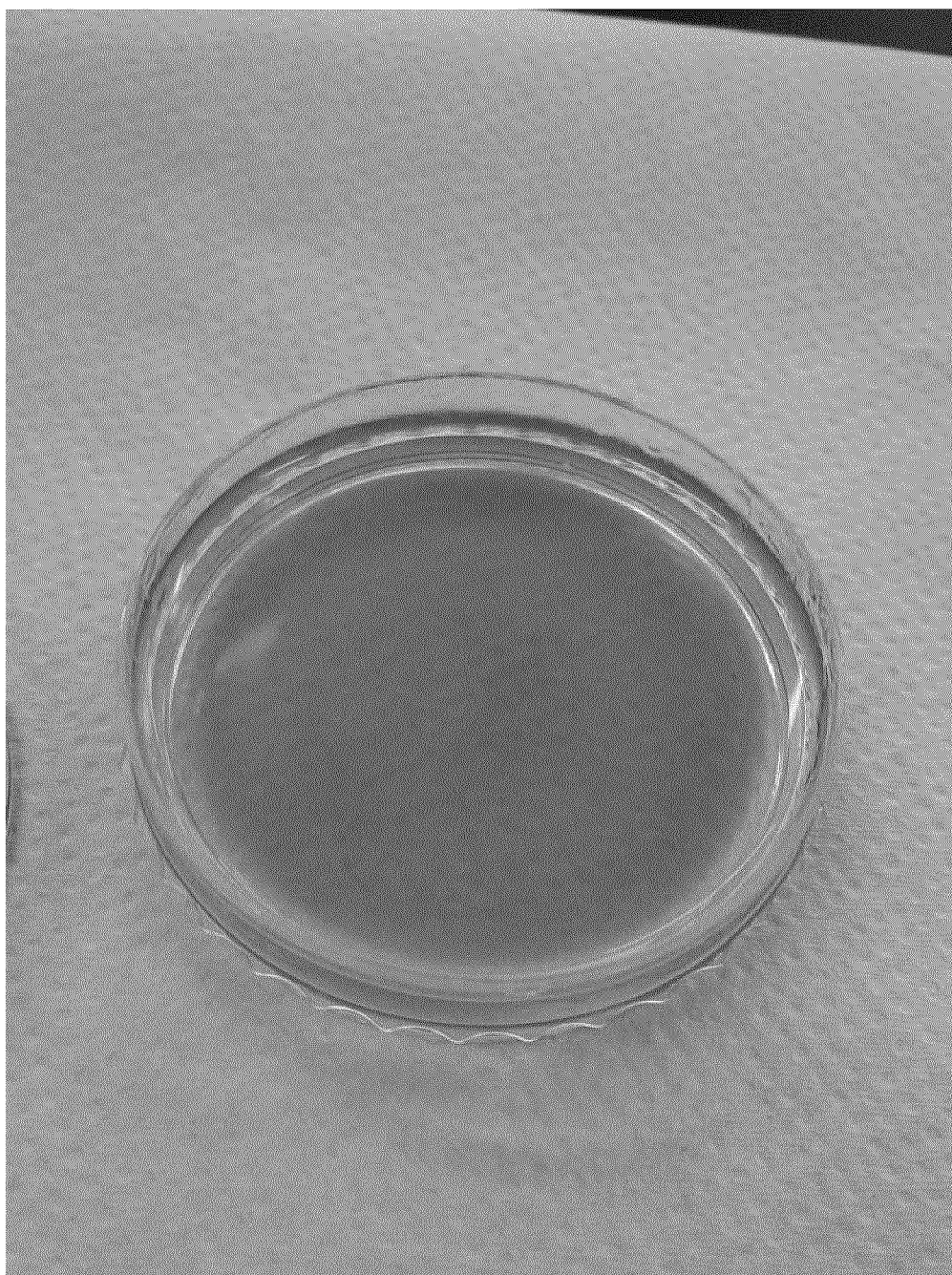


FIGURE 74

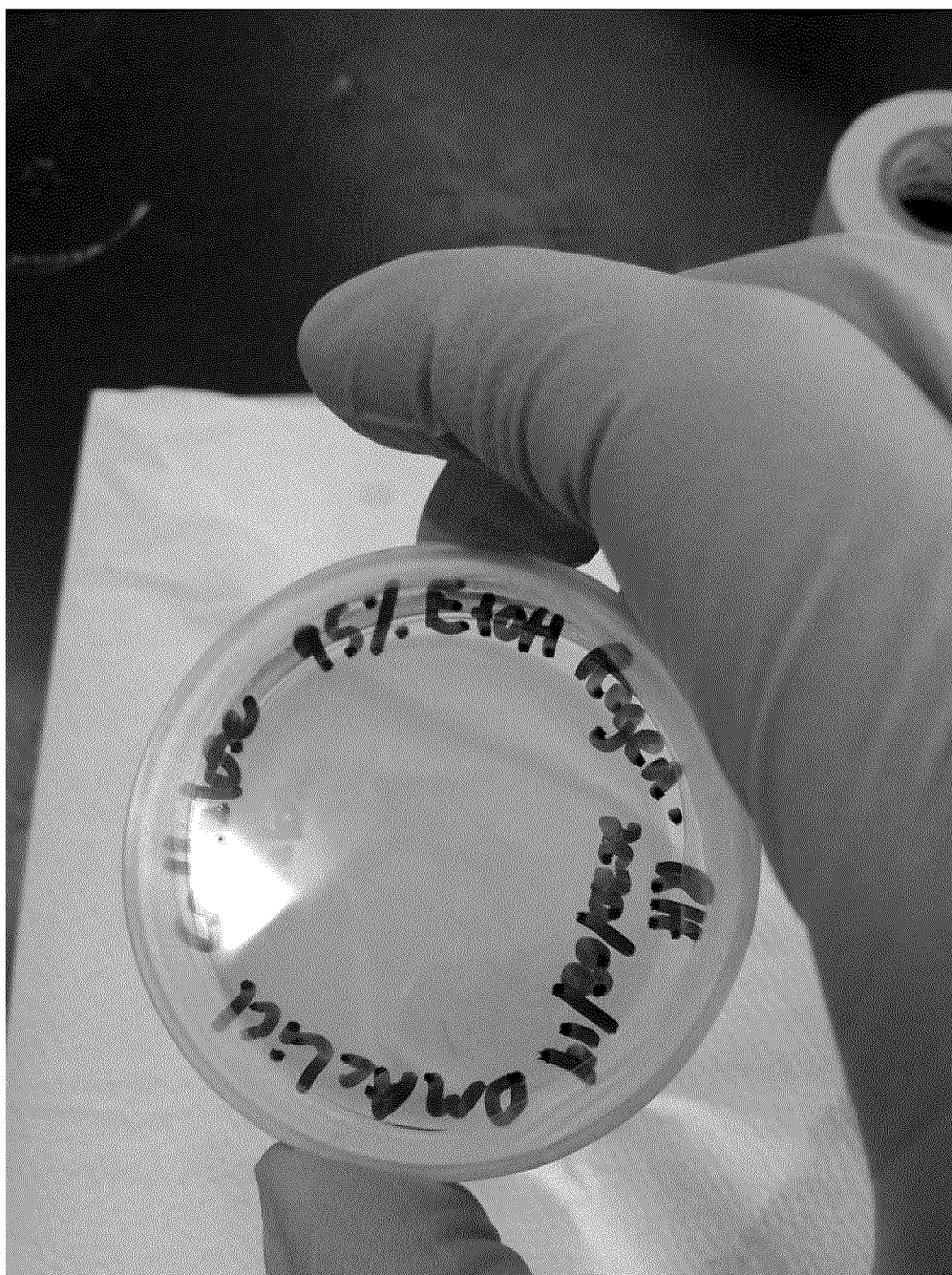


FIGURE 75

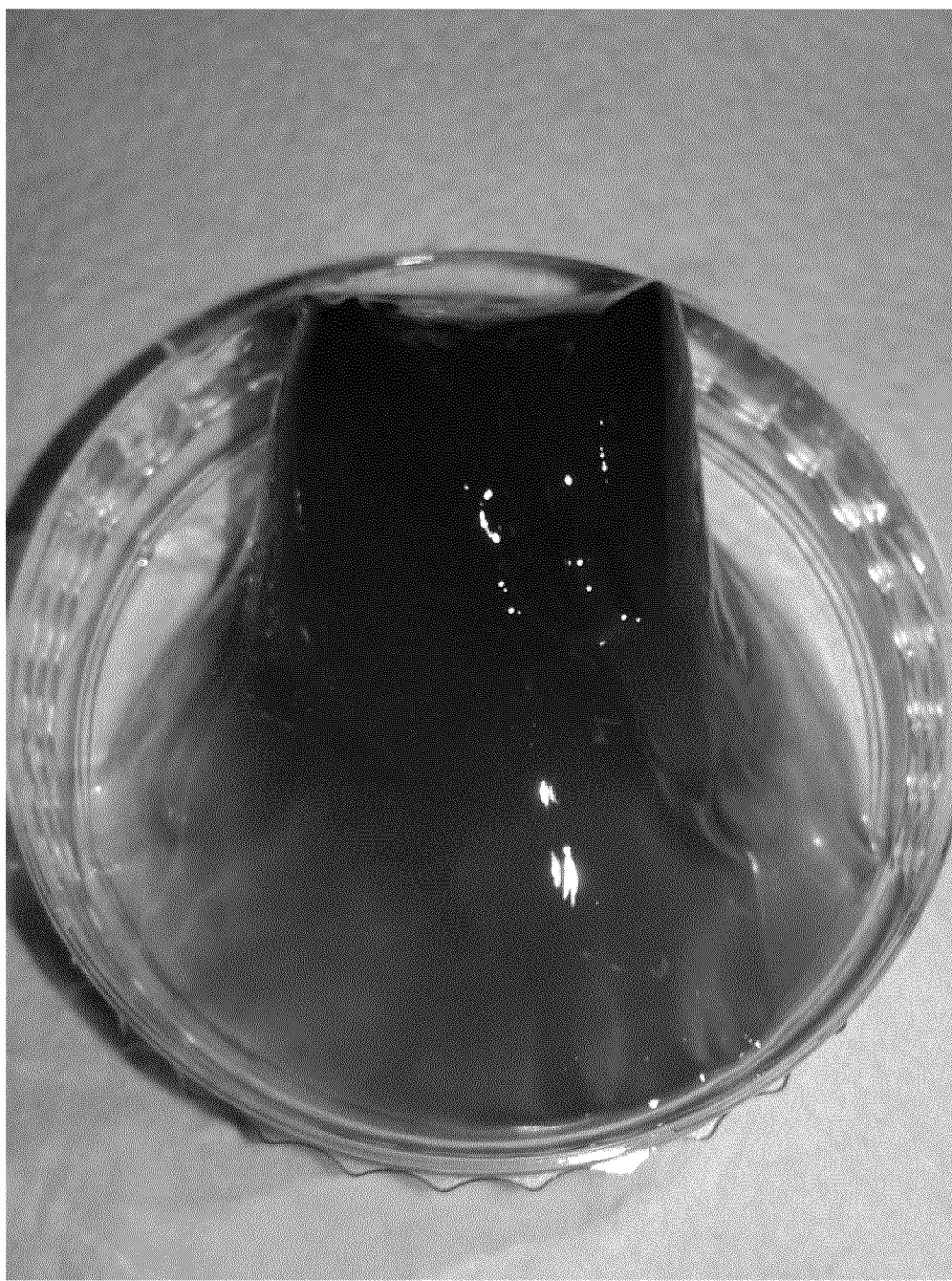


FIGURE 76



FIGURE 77



FIGURE 78

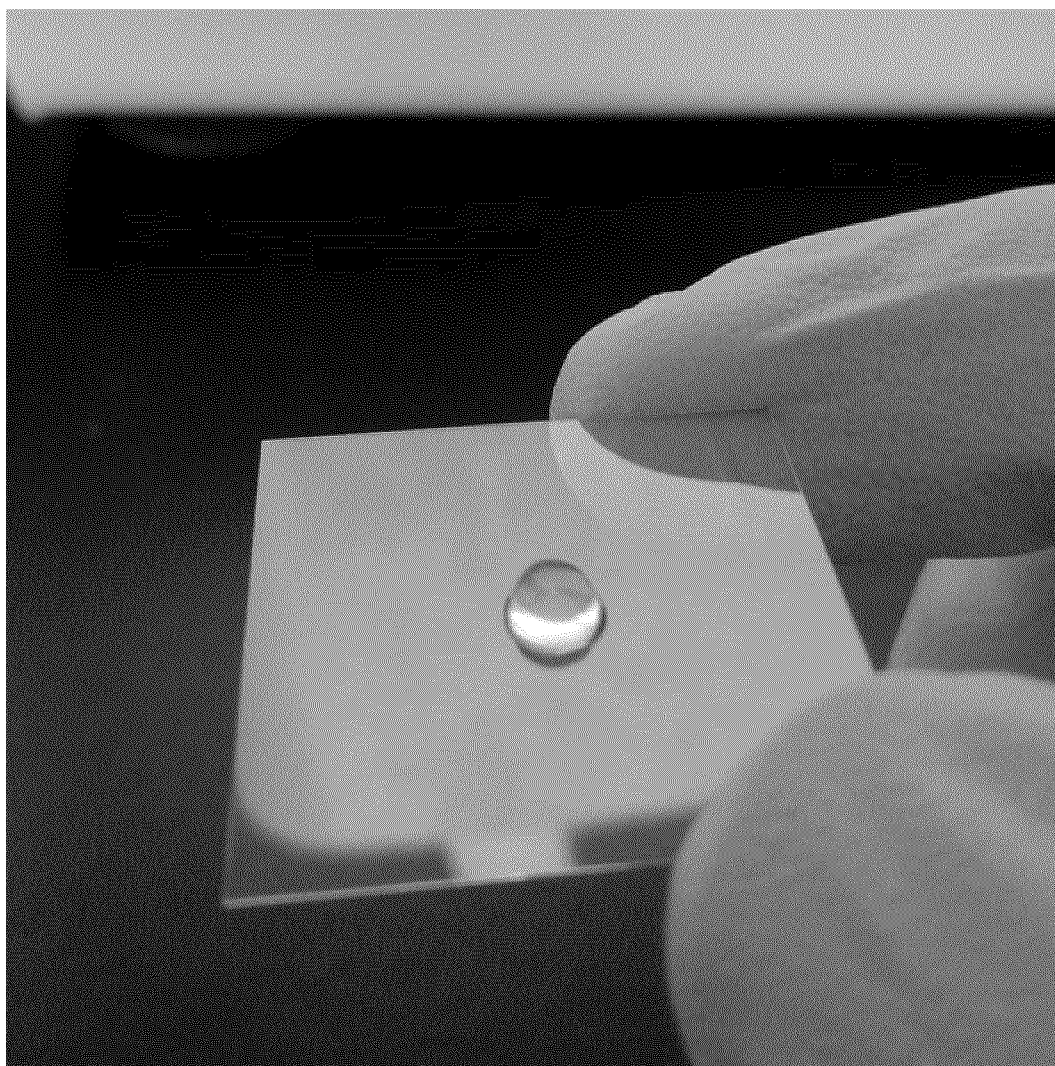


FIGURE 79

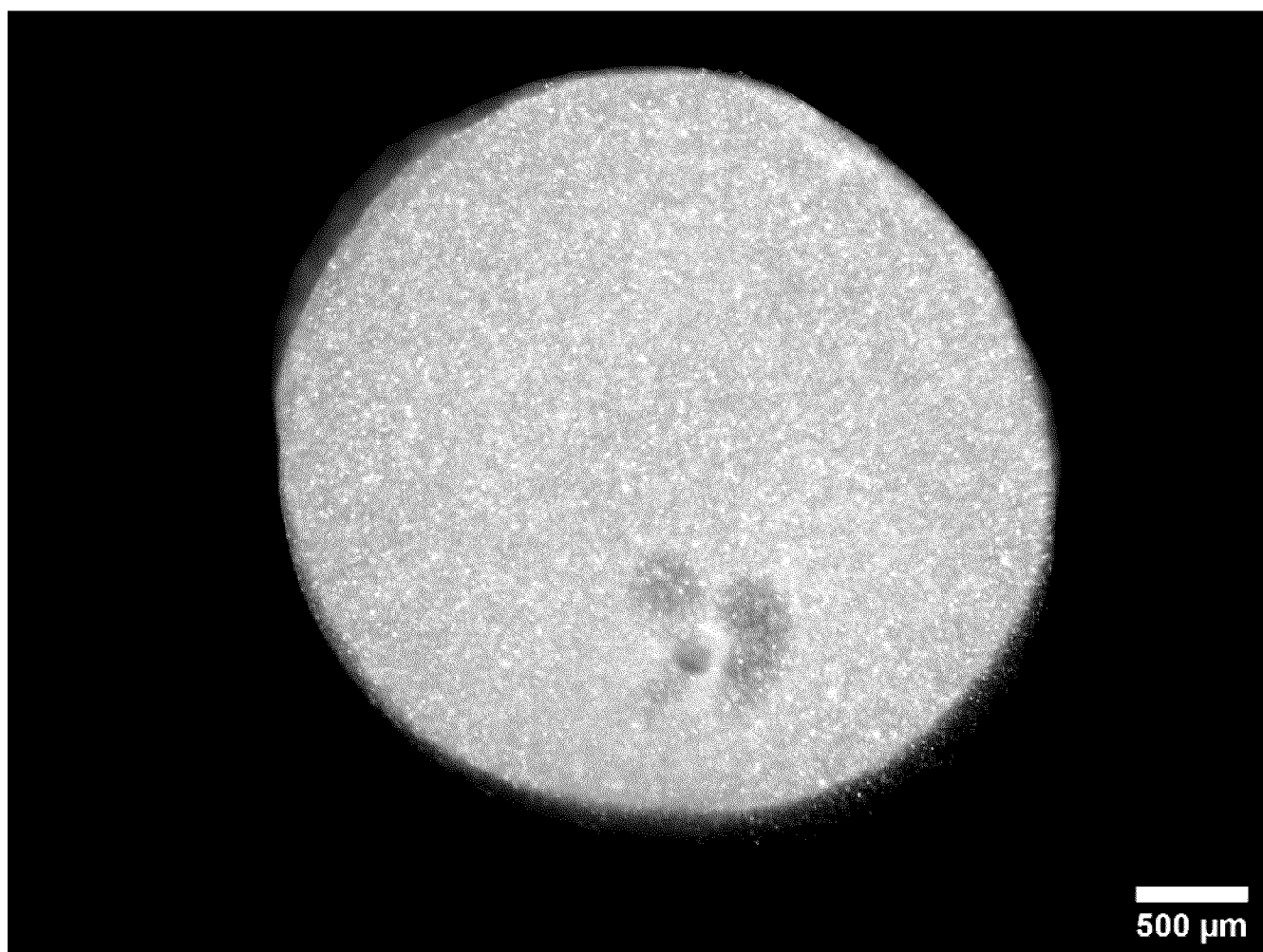


FIGURE 80

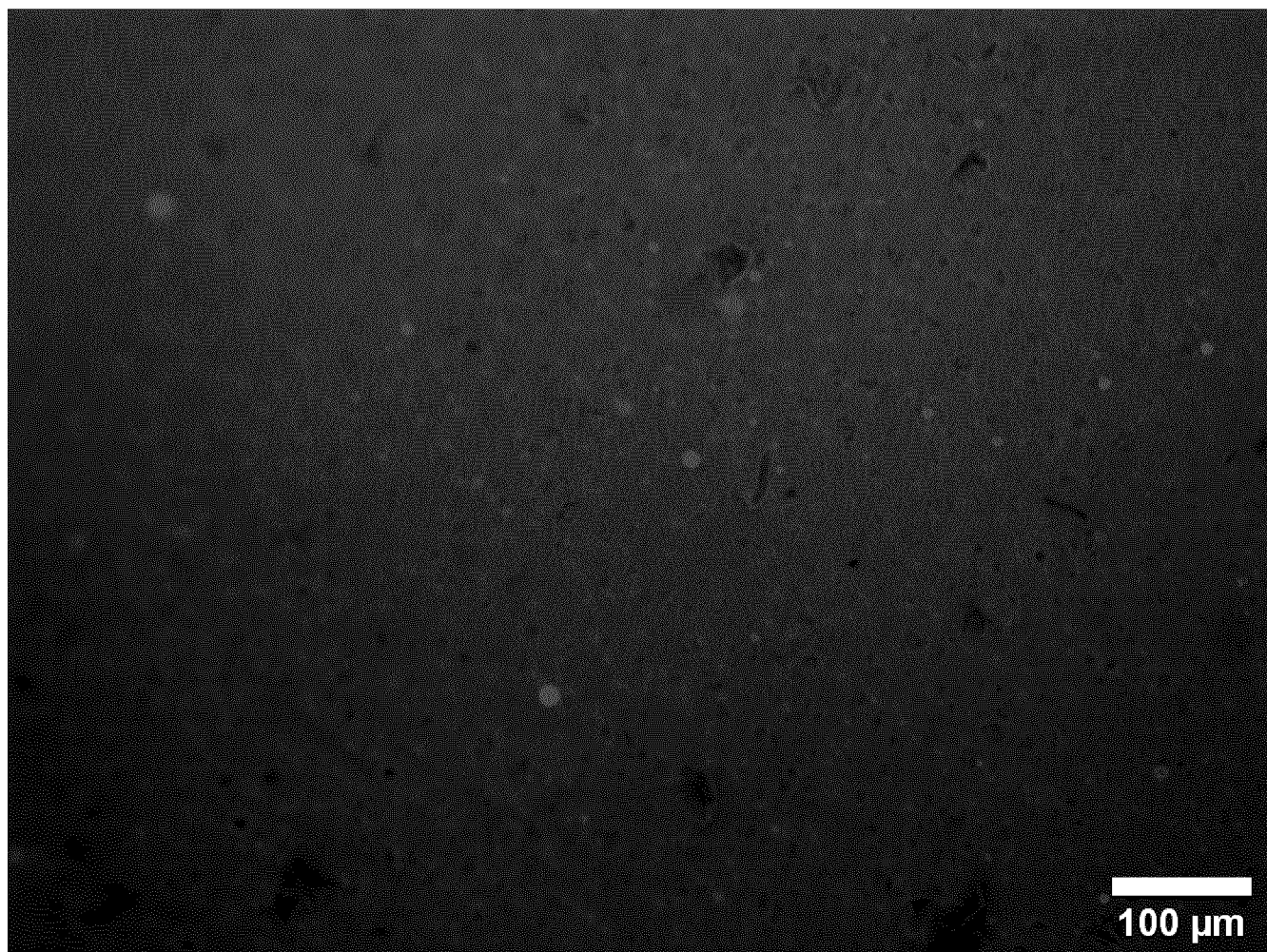


FIGURE 81

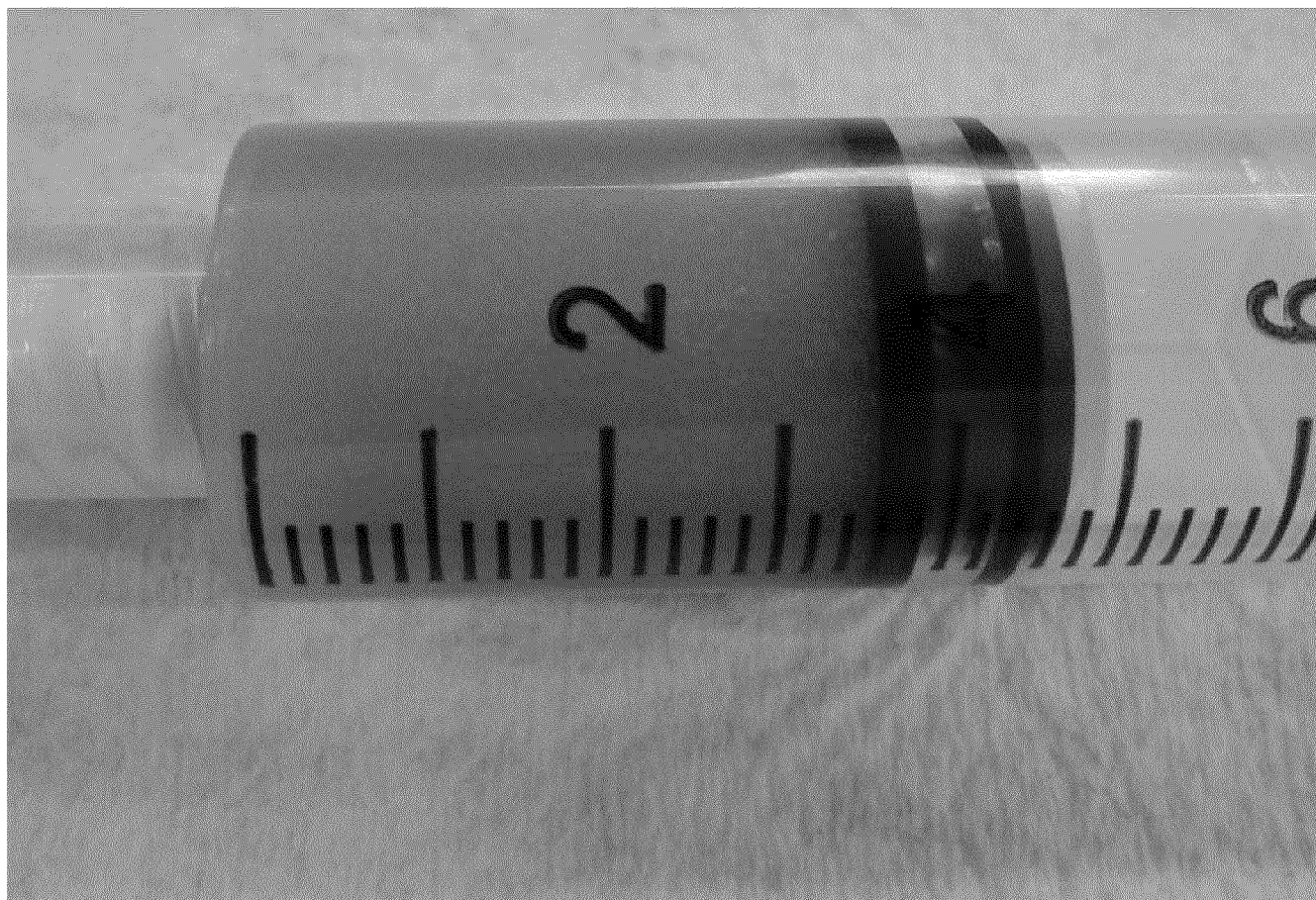


FIGURE 82

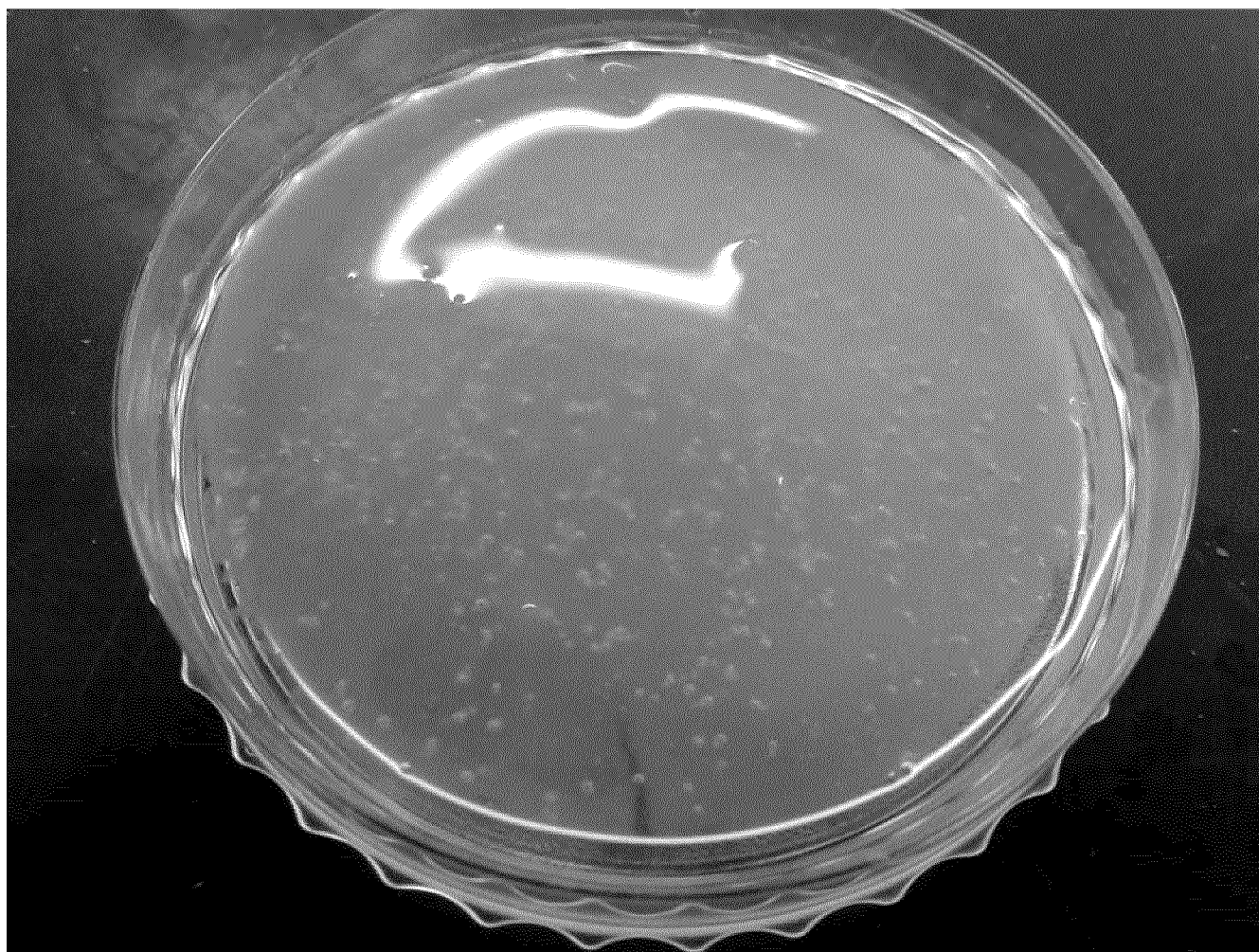


FIGURE 83



FIGURE 84



FIGURE 85



FIGURE 86

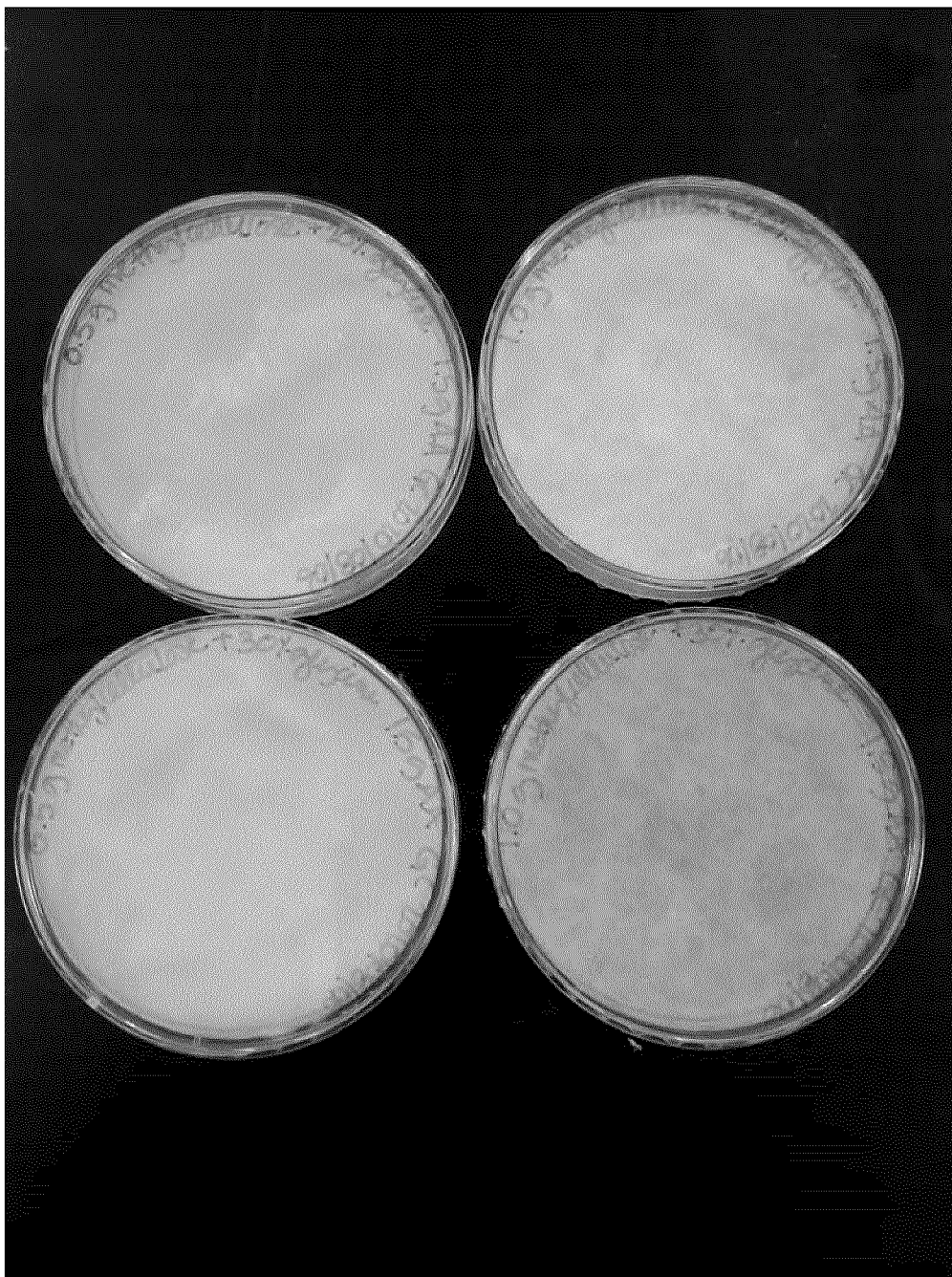


FIGURE 87



FIGURE 88

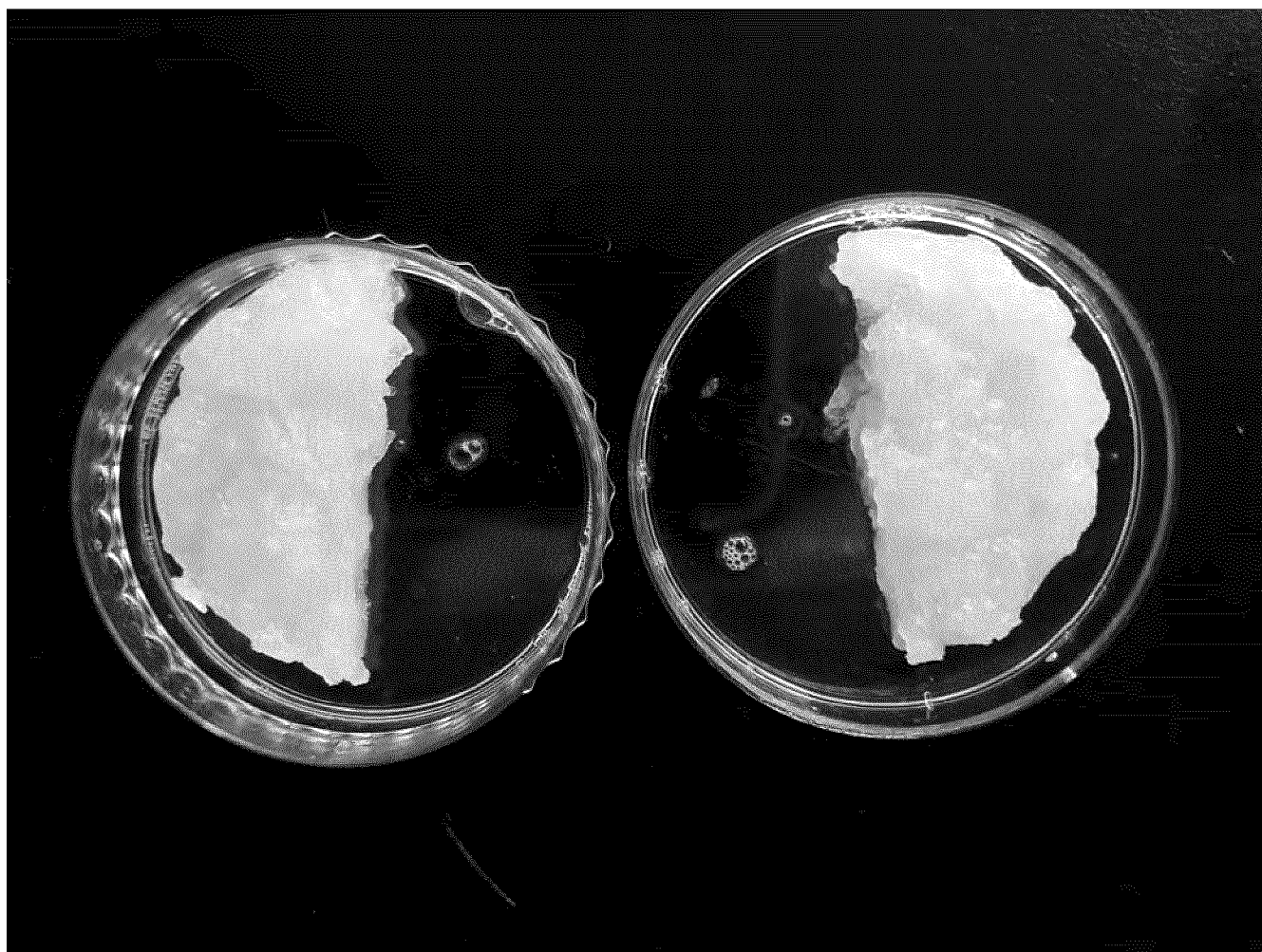


FIGURE 89

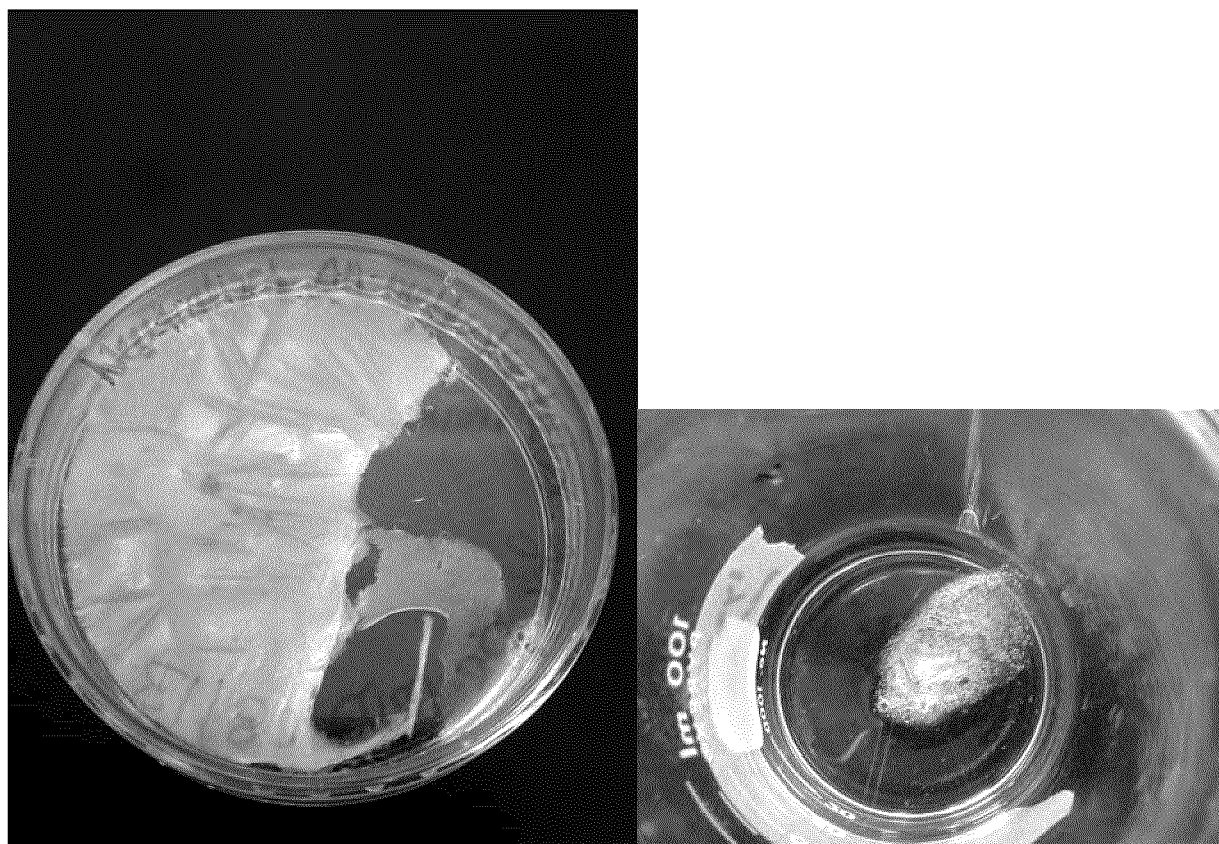


FIGURE 90



FIGURE 91

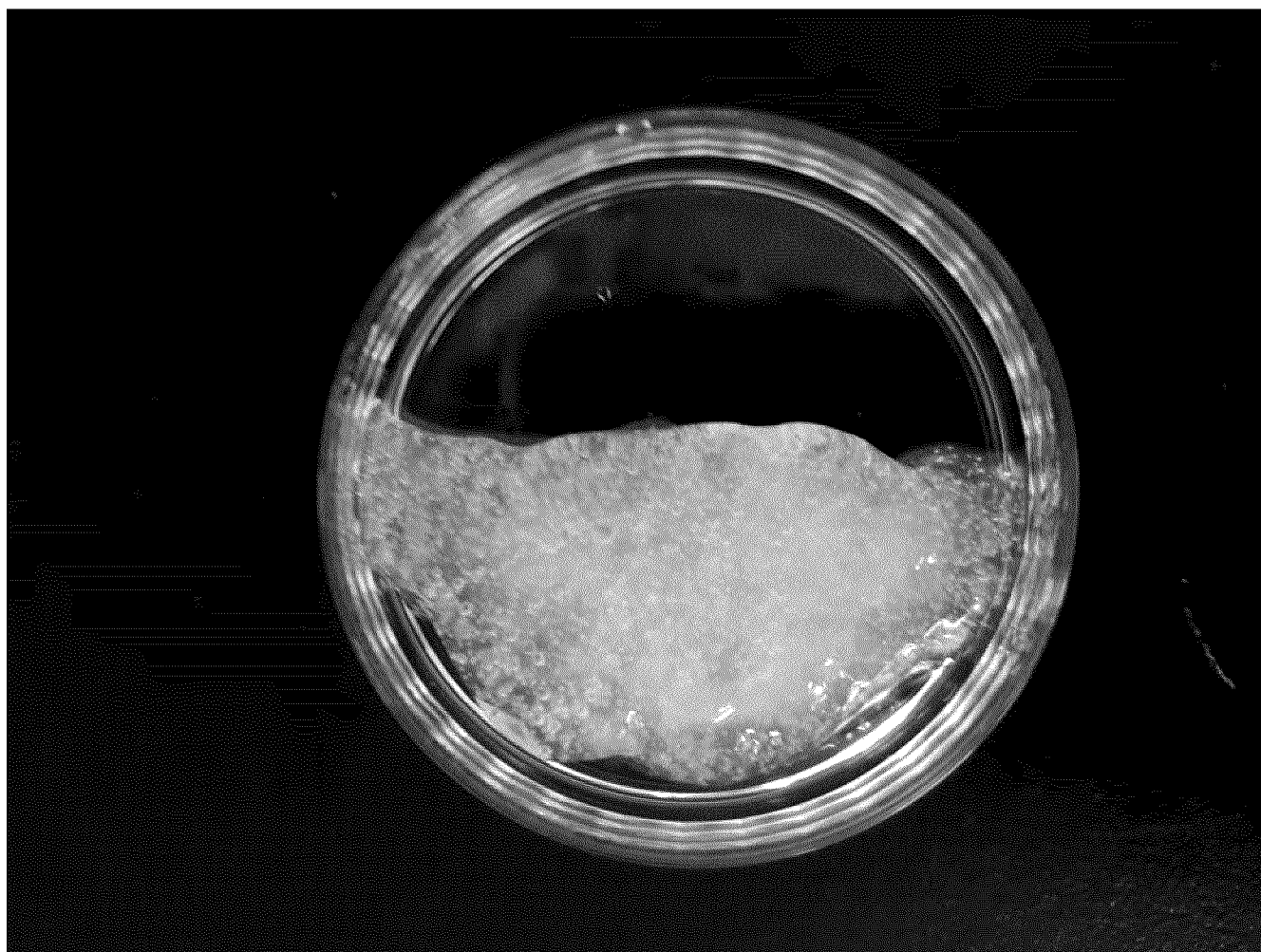


FIGURE 92

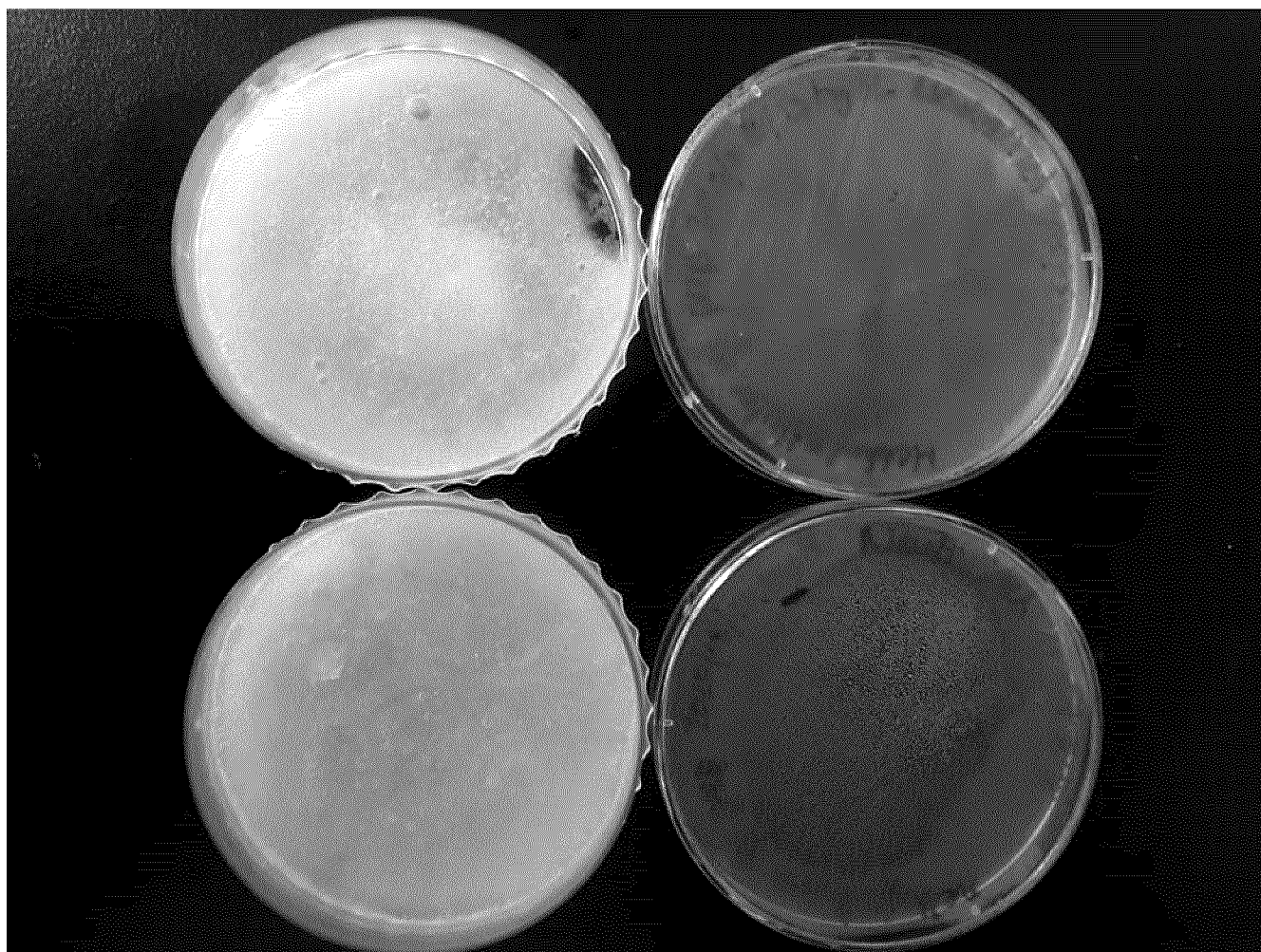


FIGURE 93

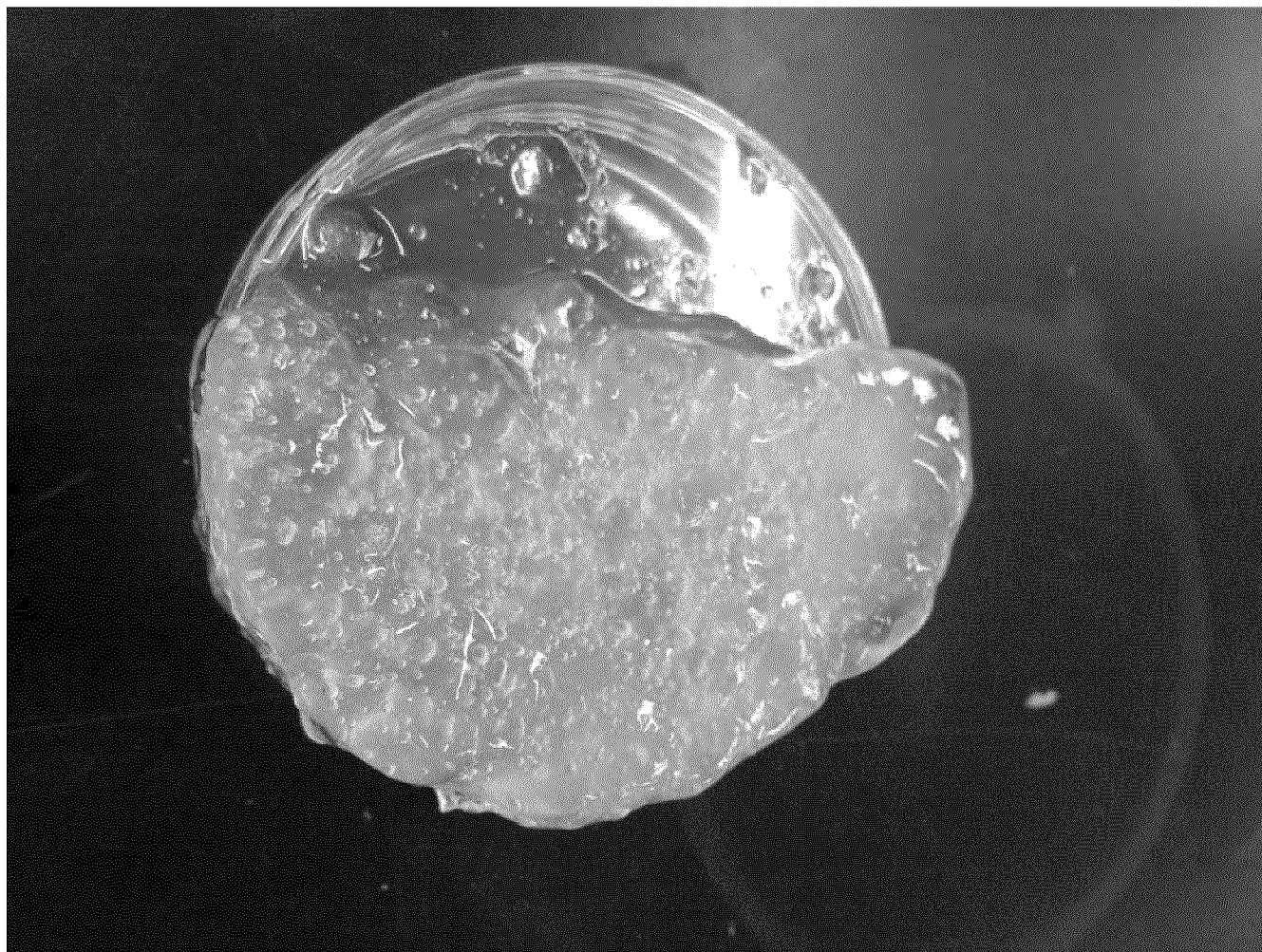


FIGURE 94



FIGURE 95



FIGURE 96

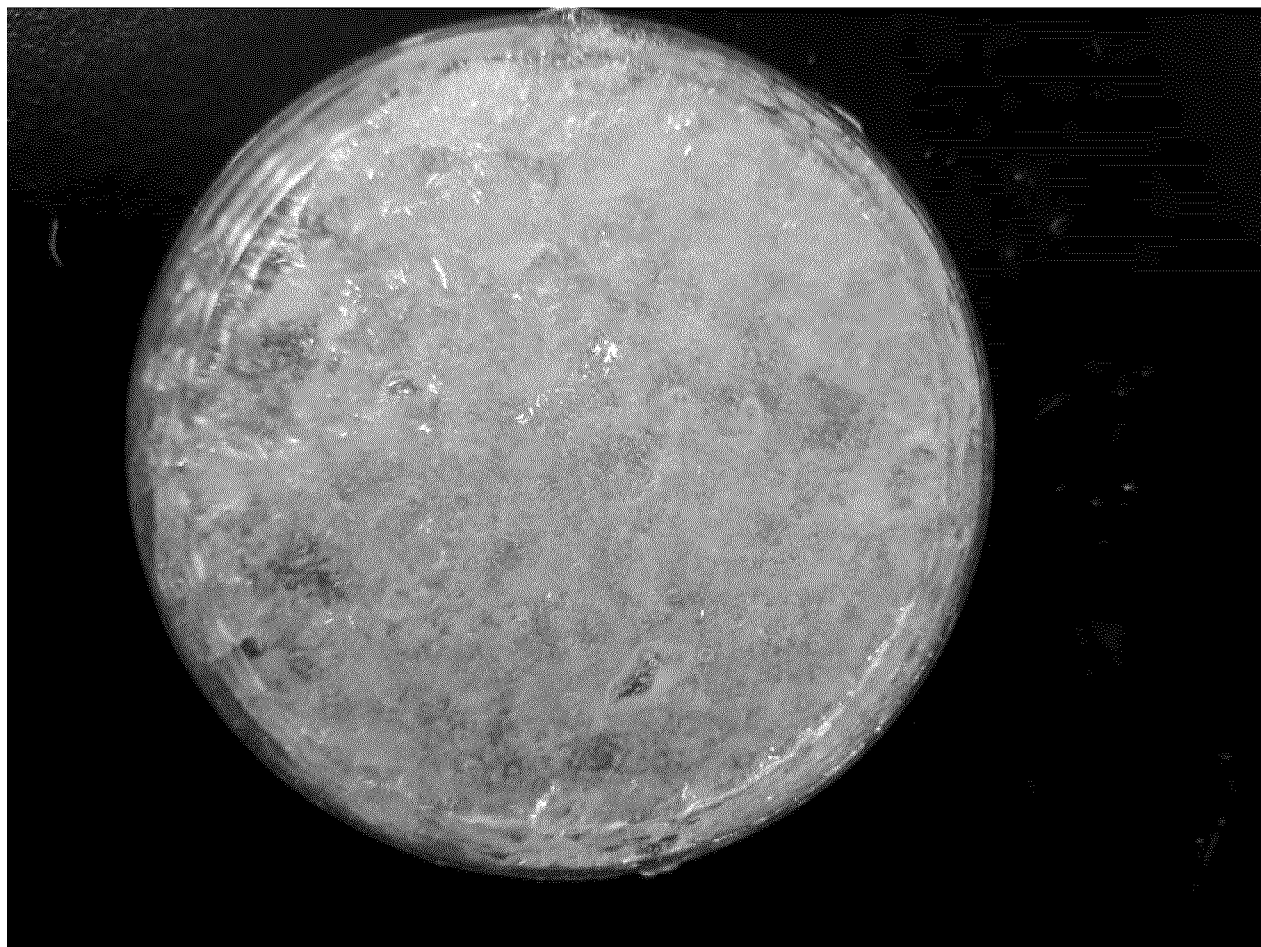


FIGURE 97

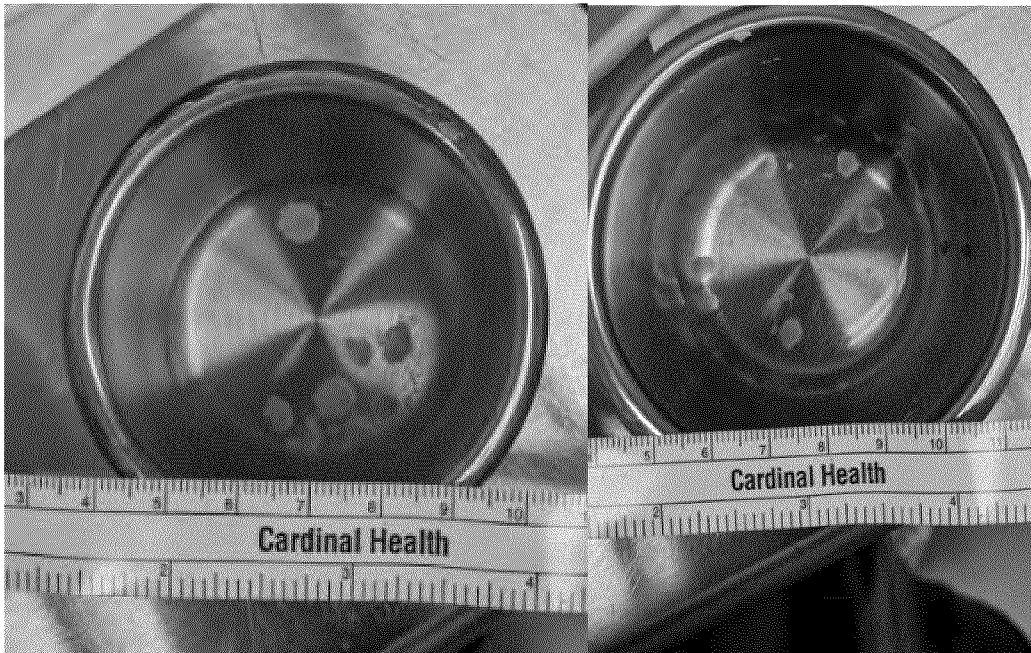


FIGURE 98

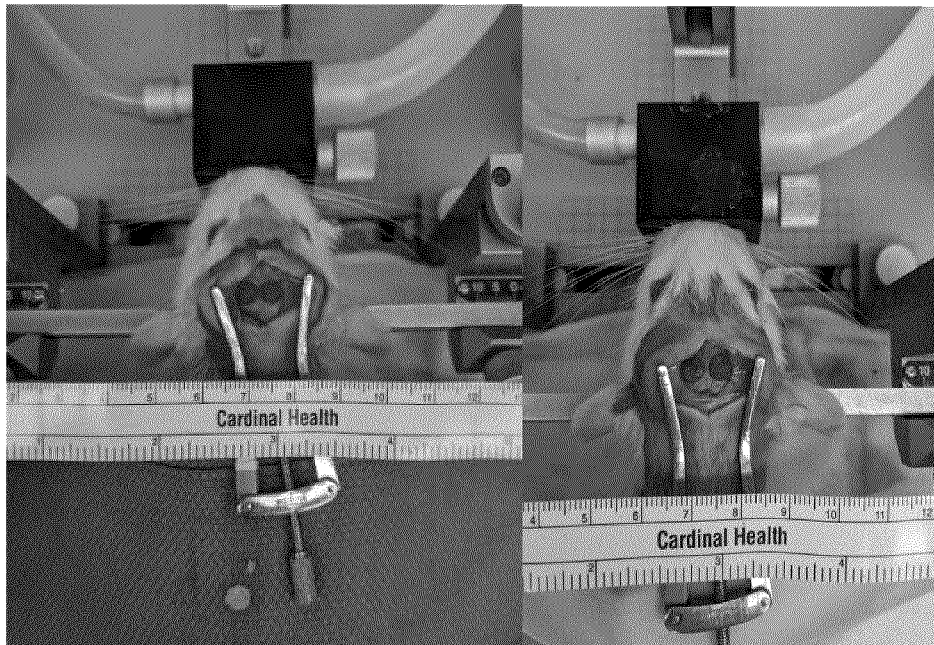


FIGURE 99



FIGURE 100



FIGURE 101

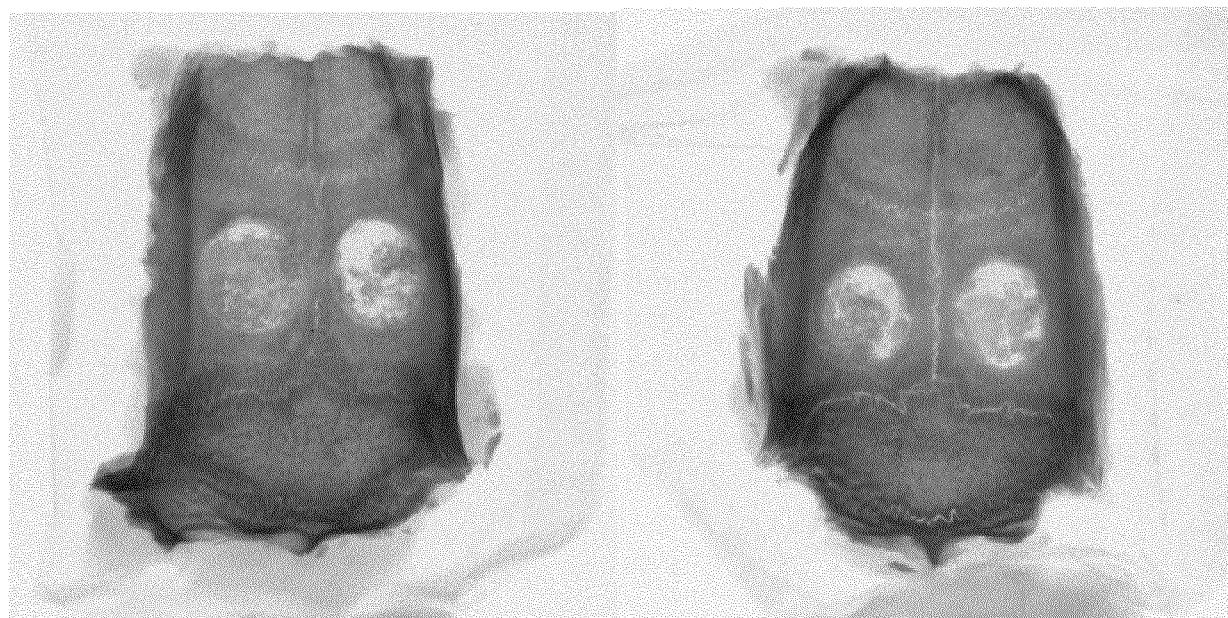


FIGURE 102

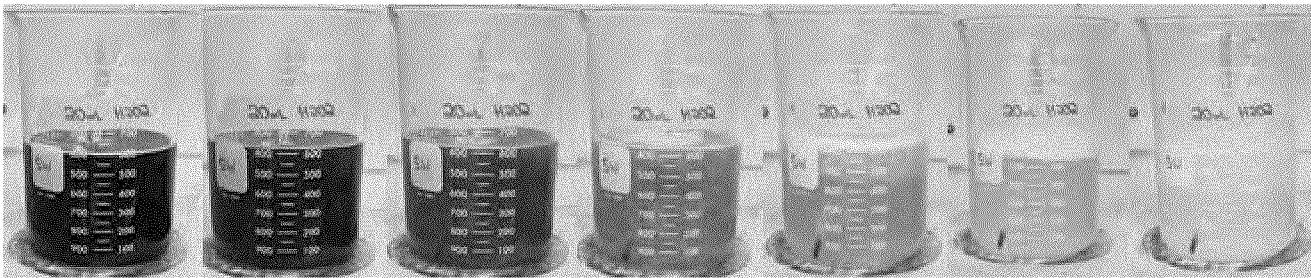


FIGURE 103

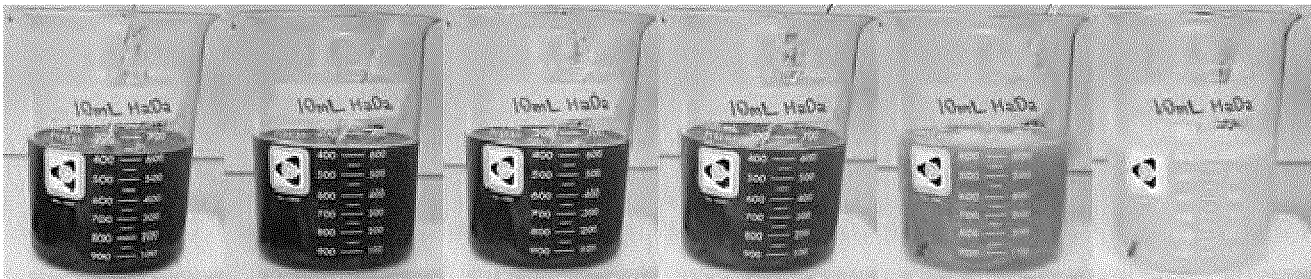


FIGURE 104

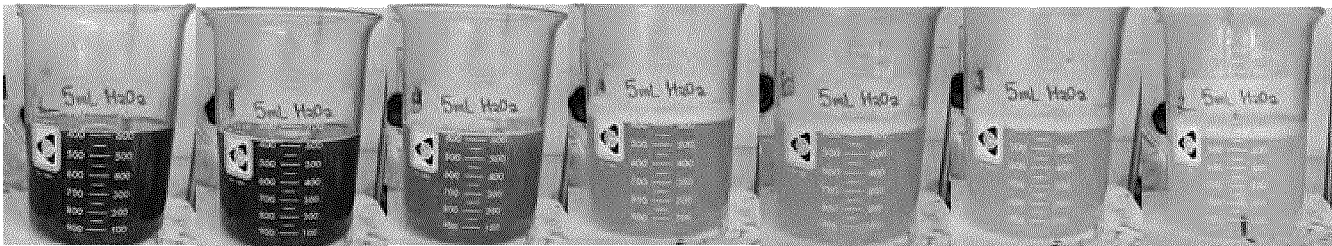


FIGURE 105

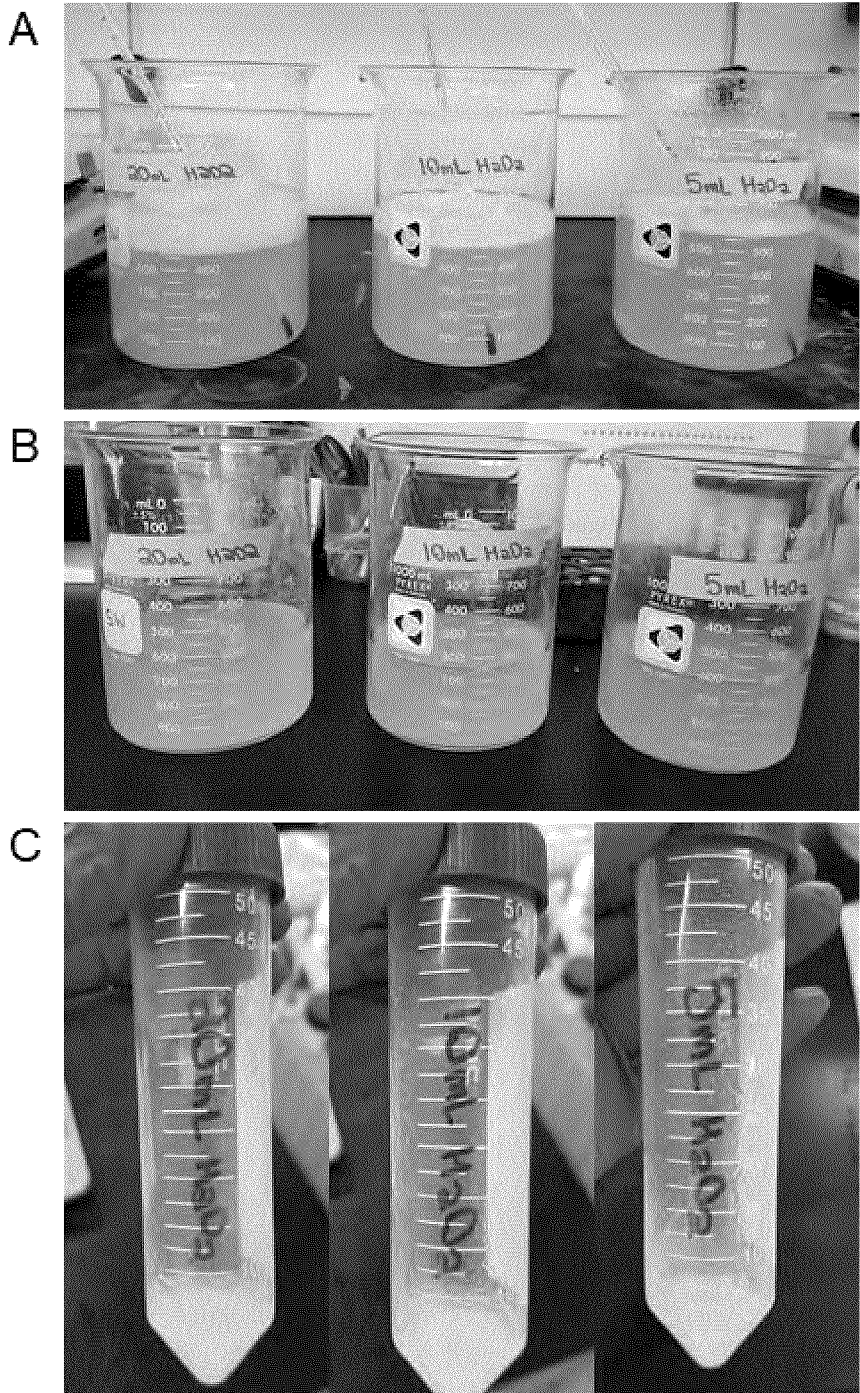


FIGURE 106

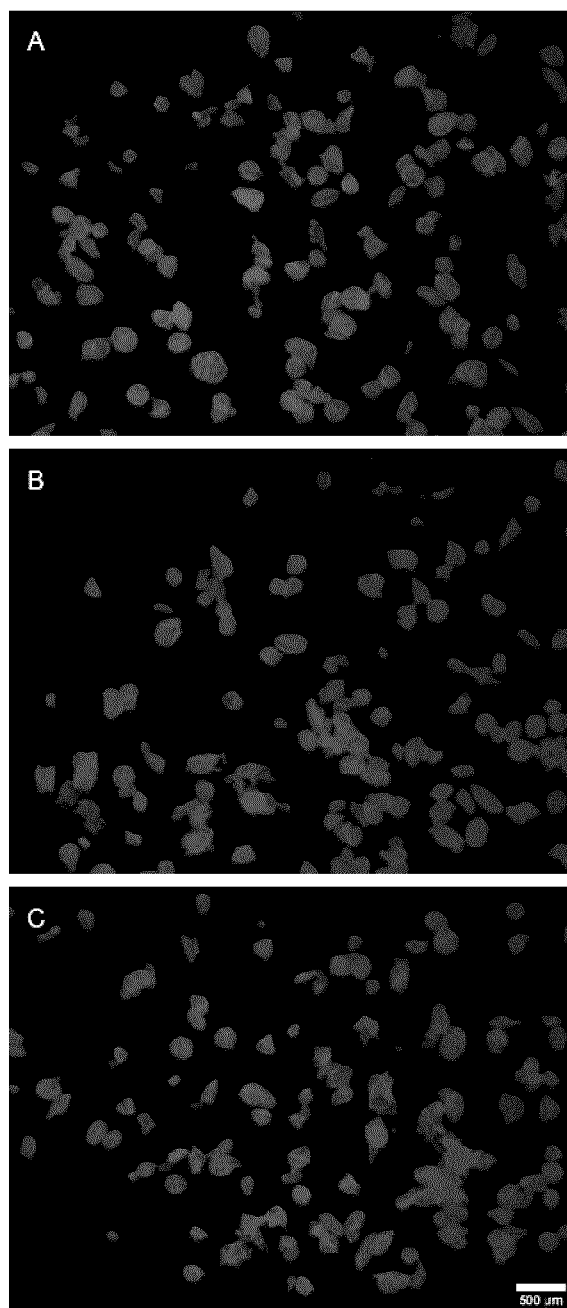


FIGURE 107

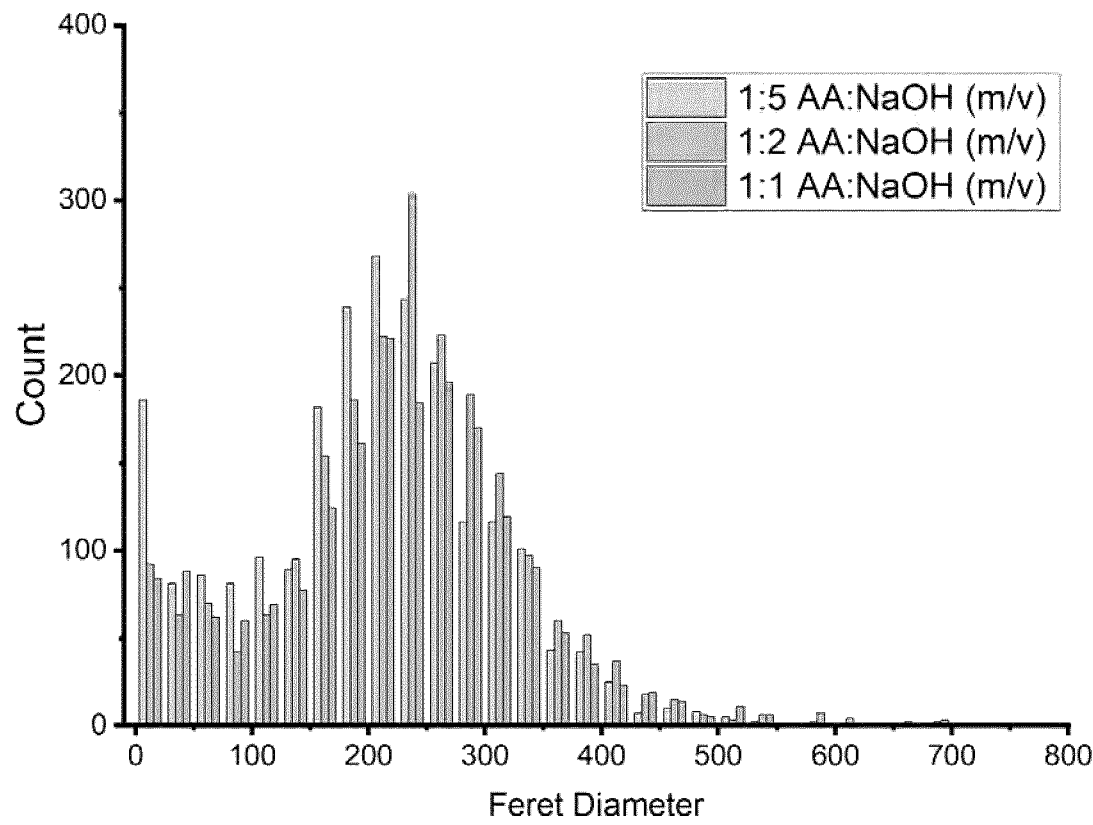


FIGURE 108



FIGURE 109

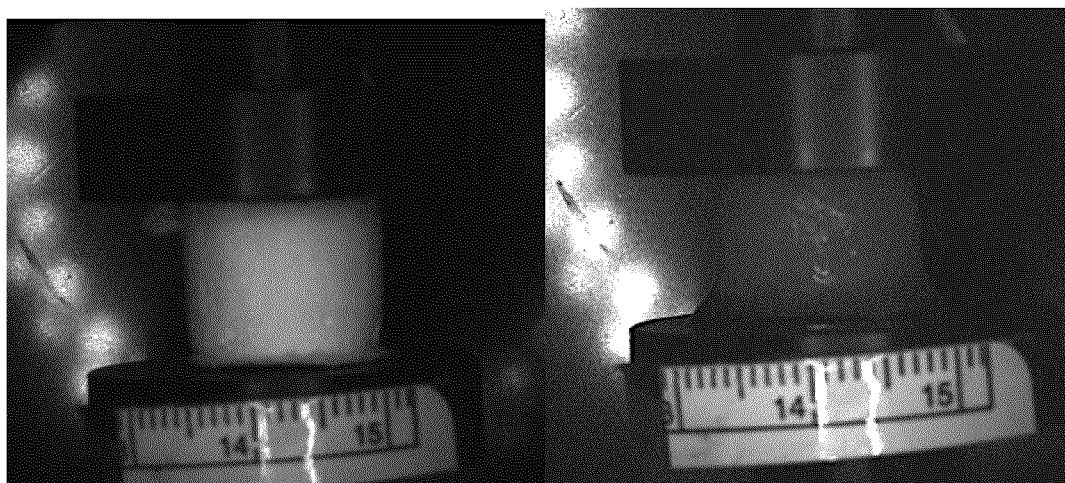


FIGURE 110

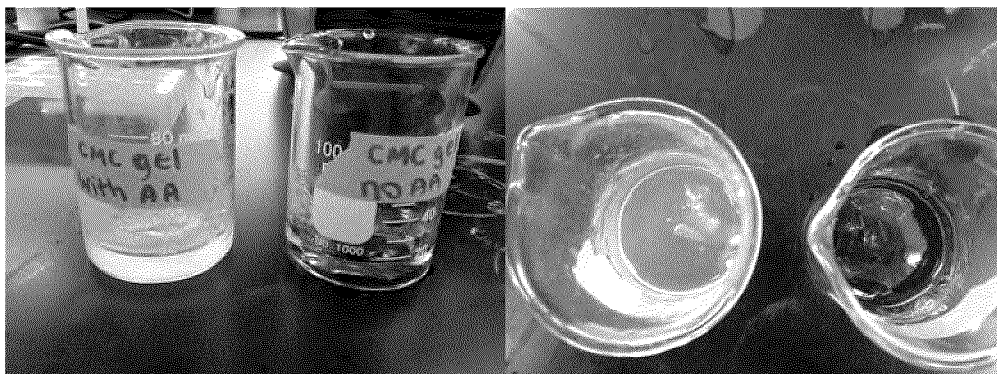


FIGURE 111

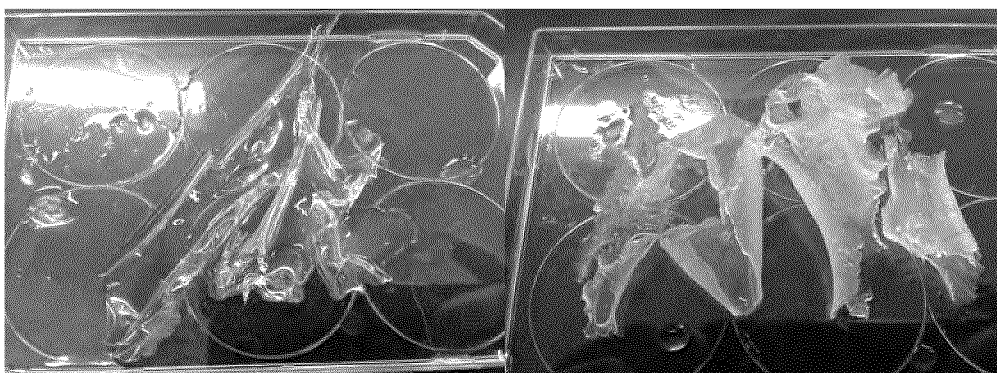


FIGURE 112

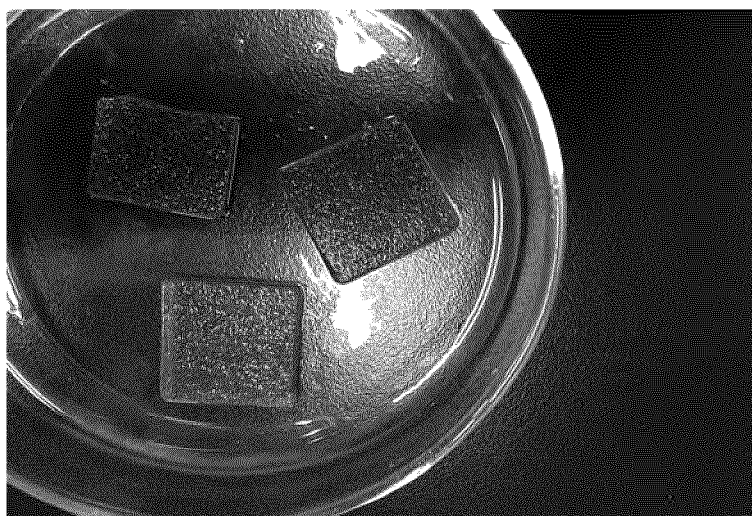


FIGURE 113

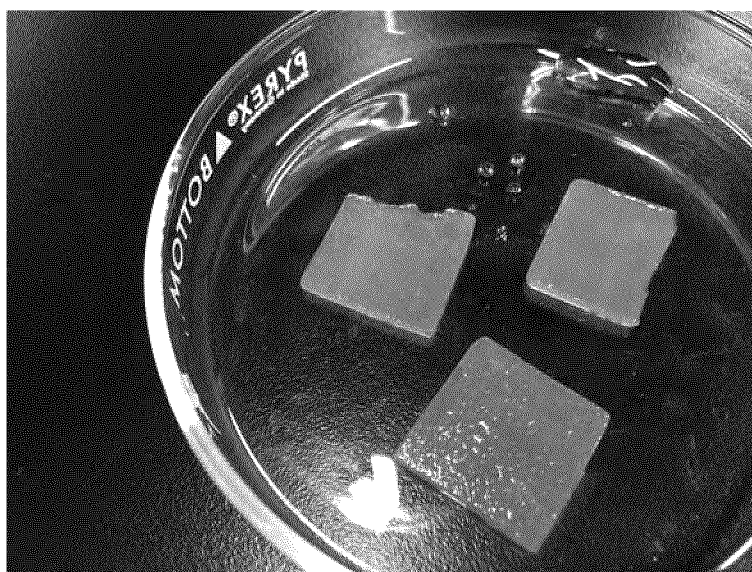


FIGURE 114

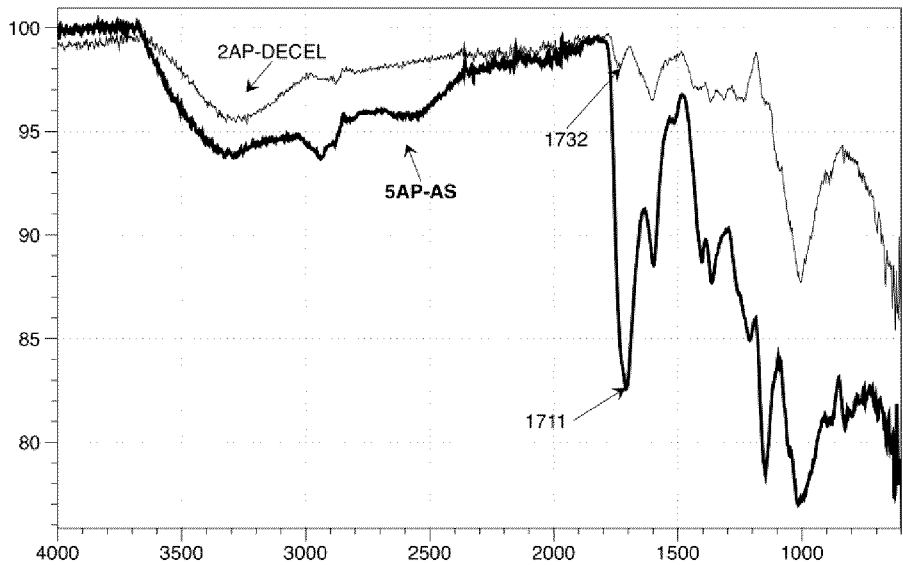


FIGURE 115

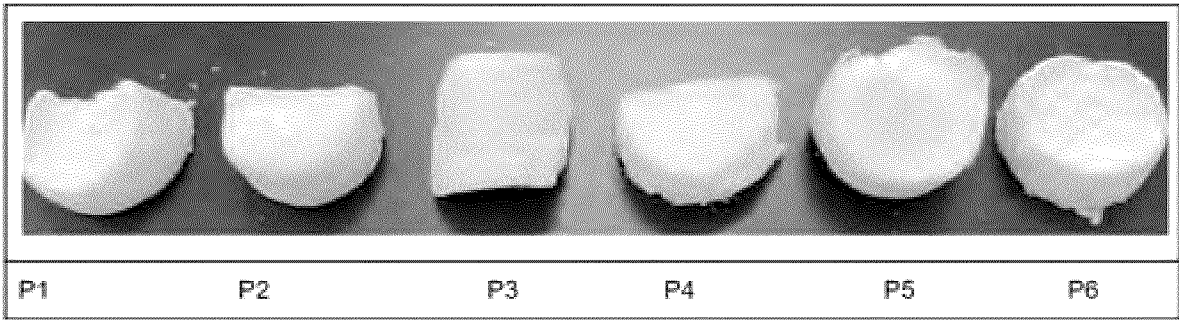


FIGURE 116

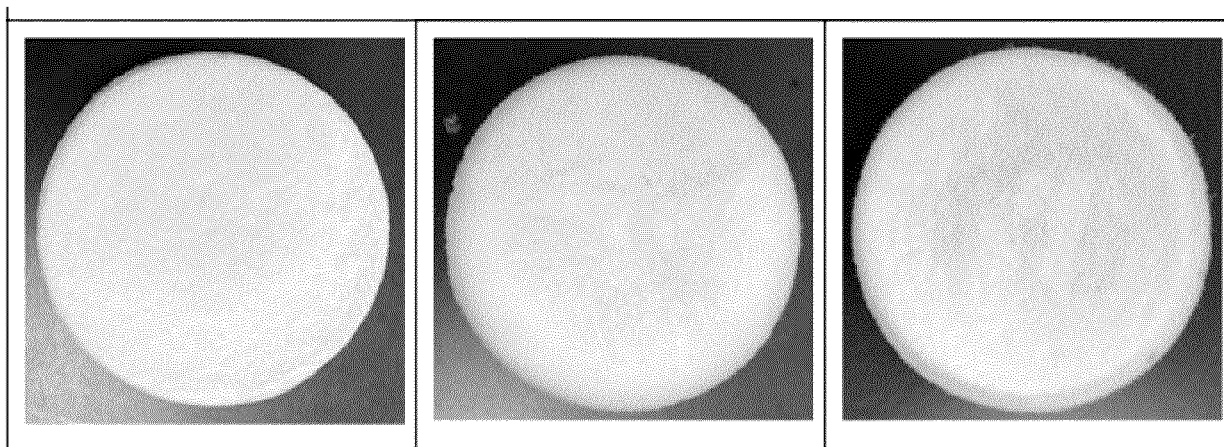


FIGURE 117



FIGURE 118



FIGURE 119

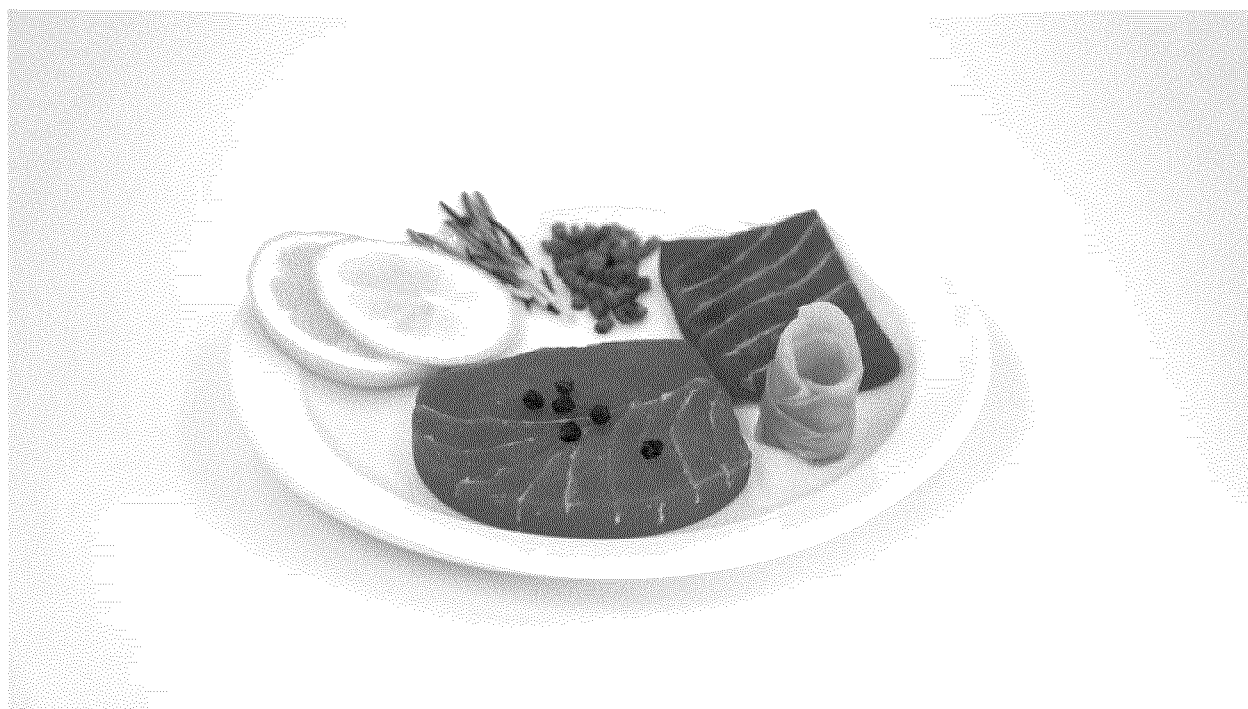


FIGURE 120

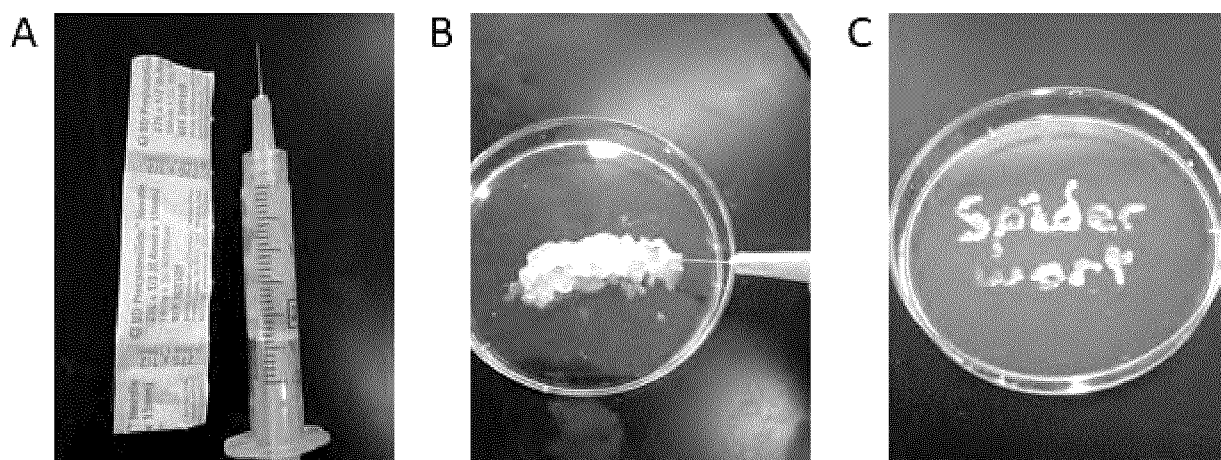


FIGURE 121

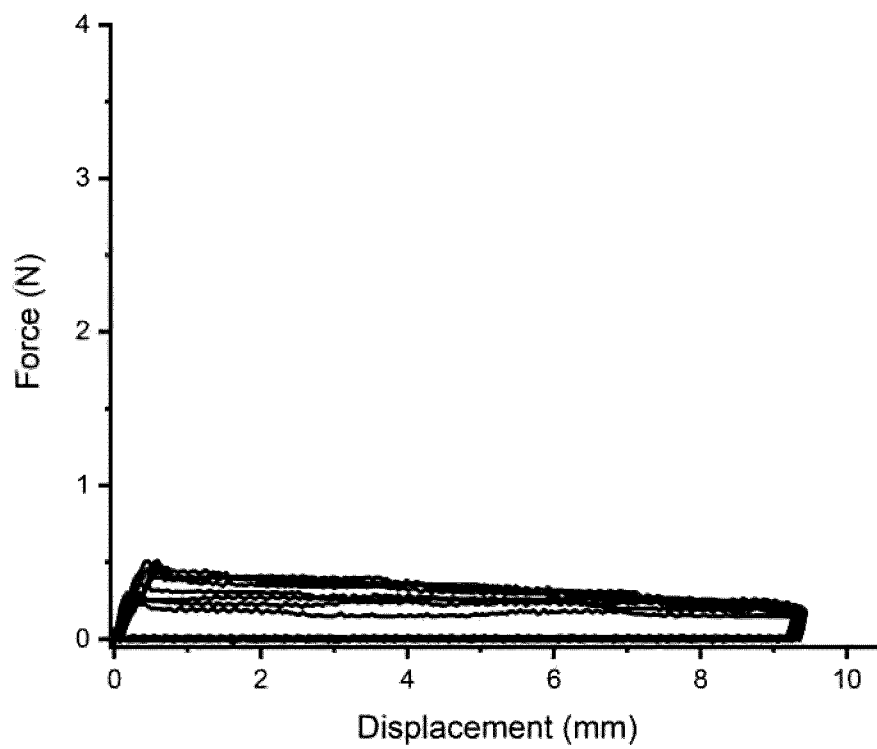


FIGURE 122

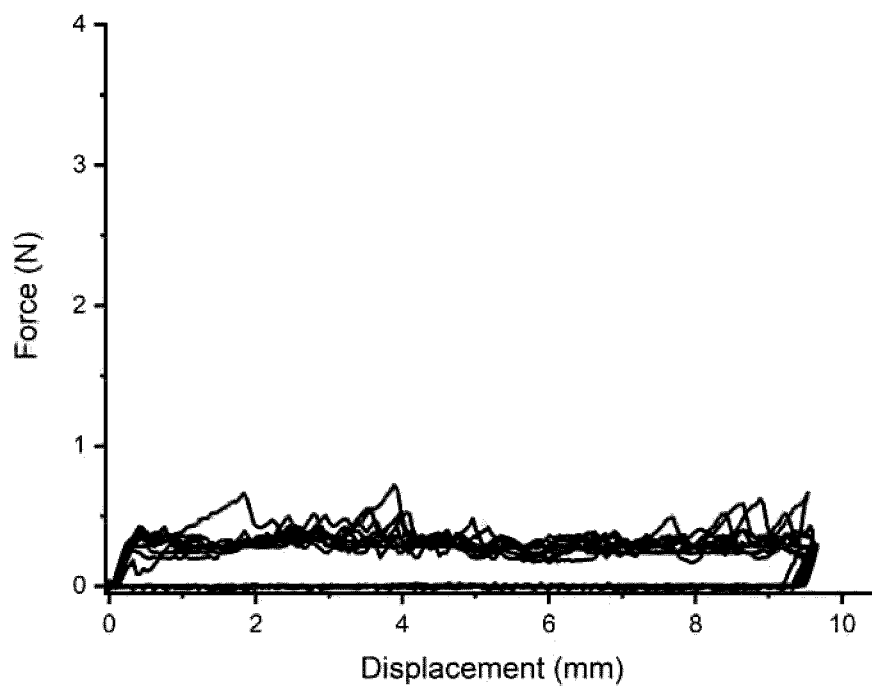


FIGURE 123

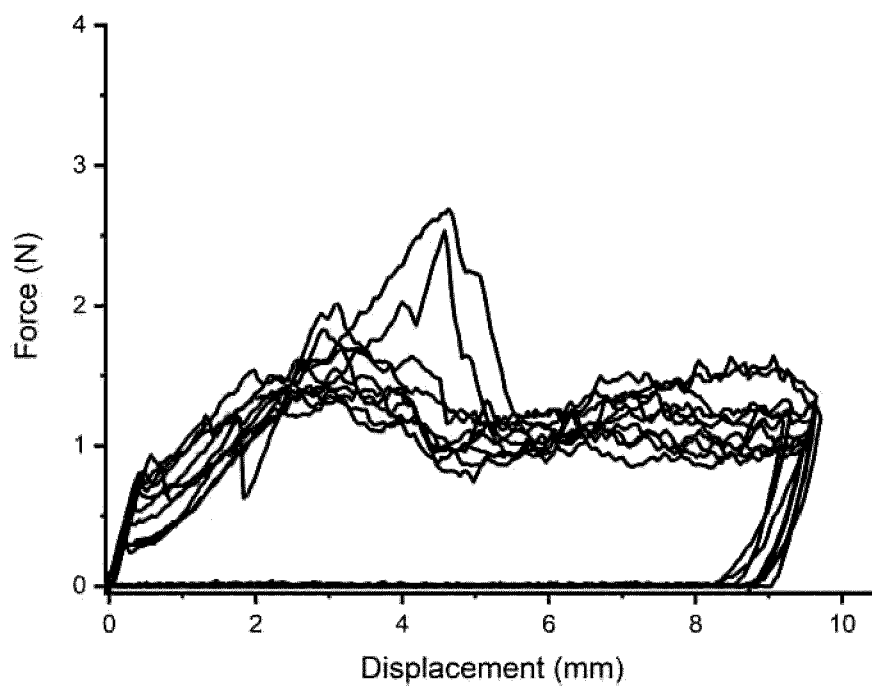


FIGURE 124

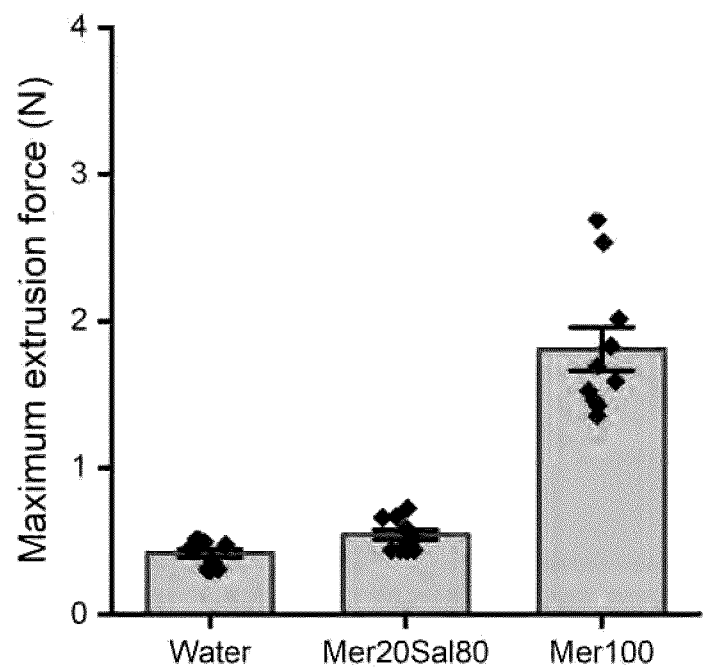


FIGURE 125

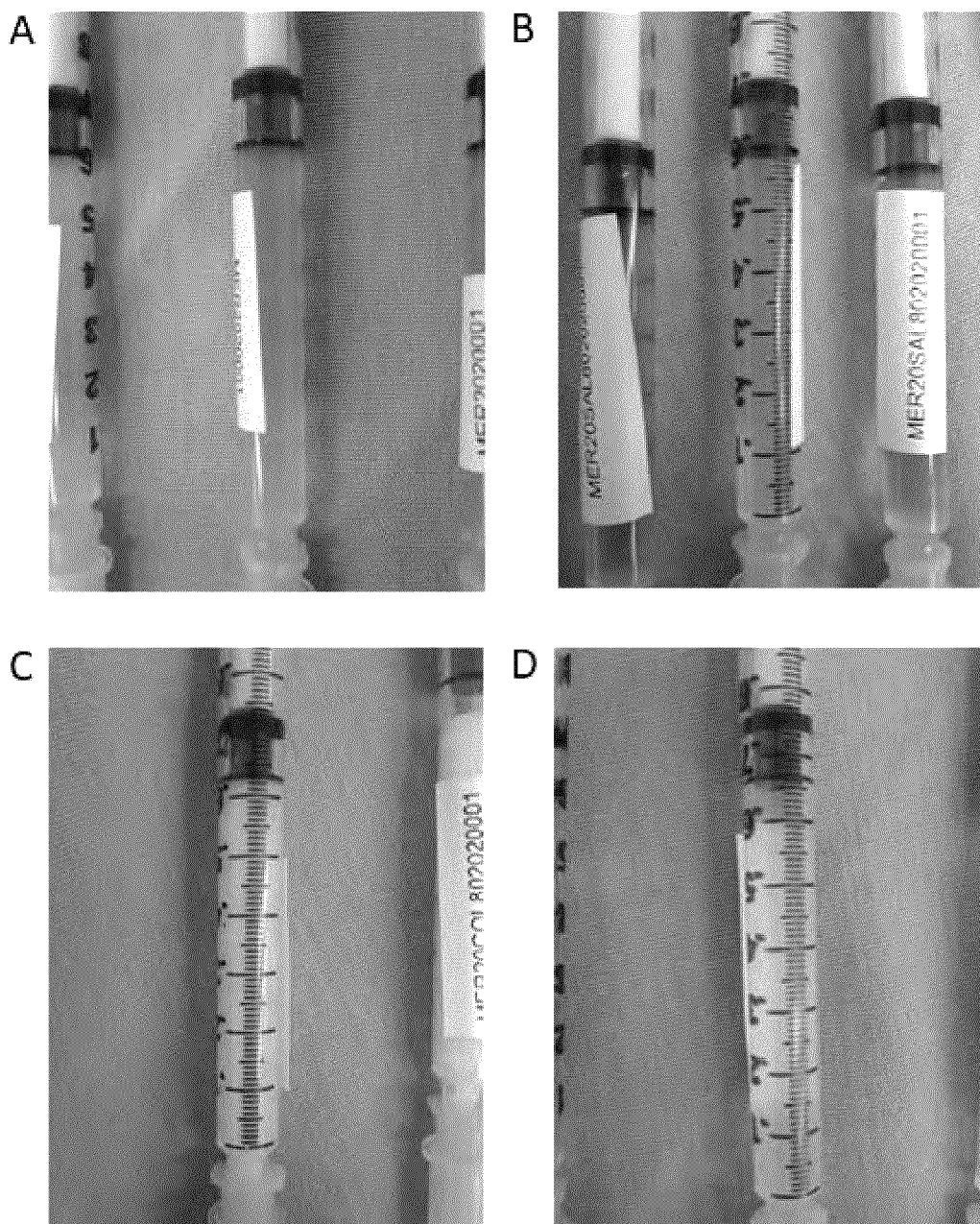


FIGURE 126

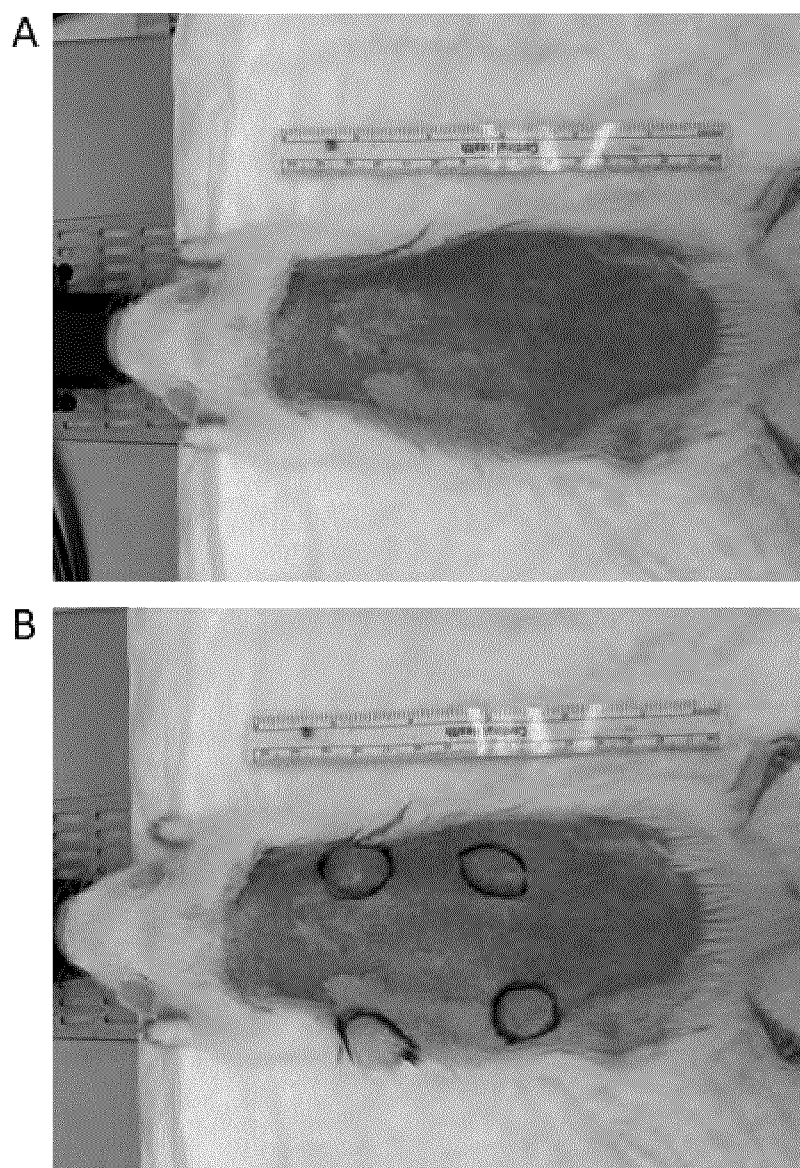


FIGURE 127

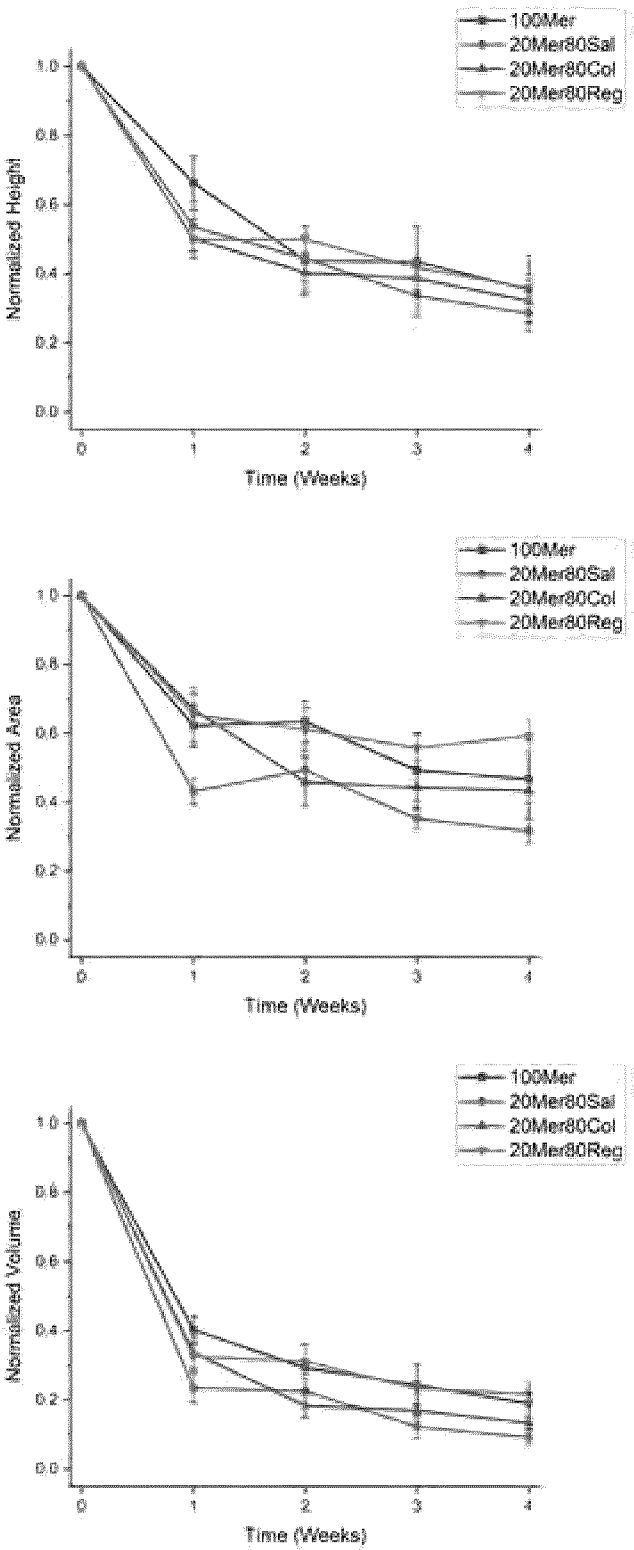


FIGURE 128

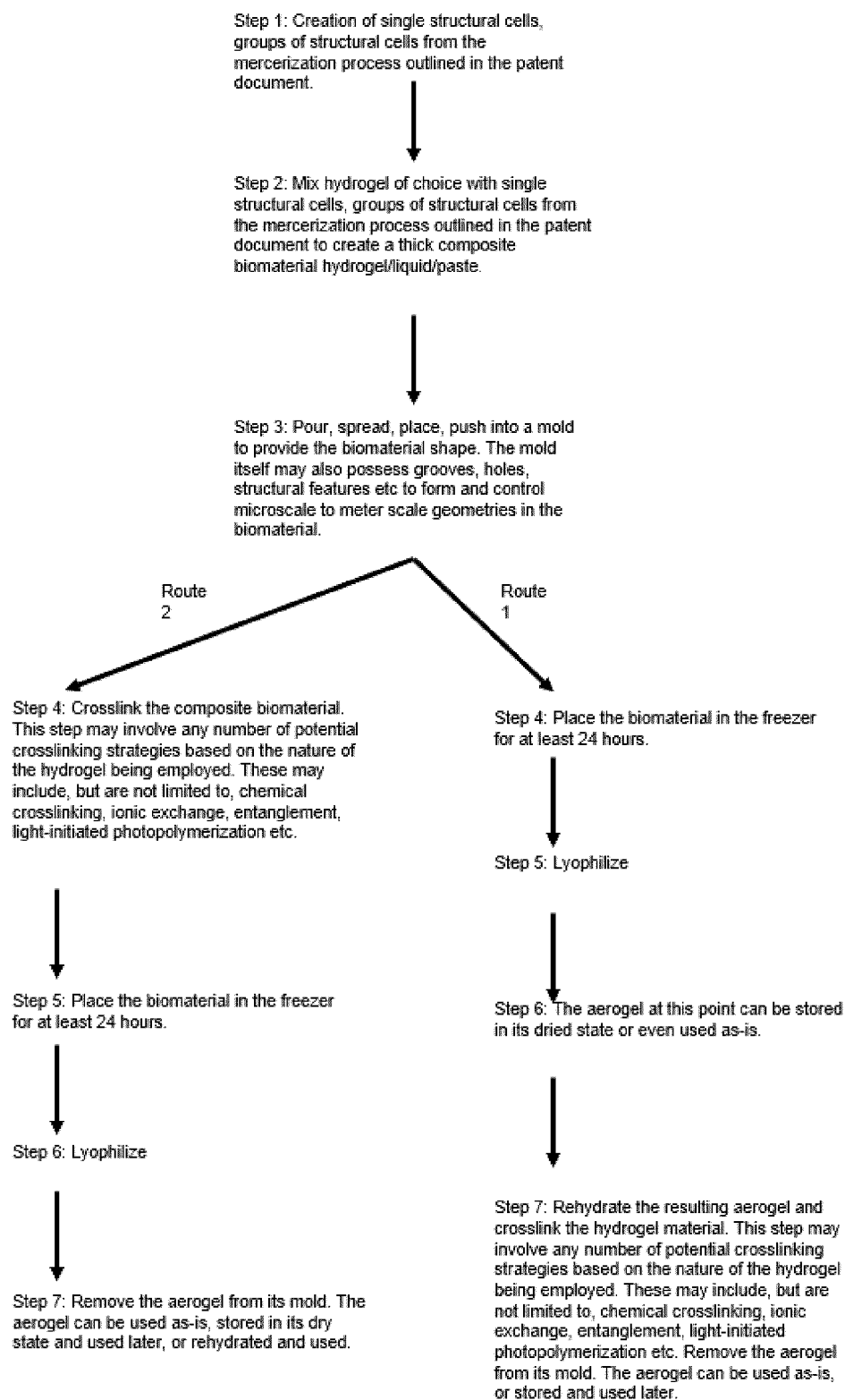


FIGURE 129

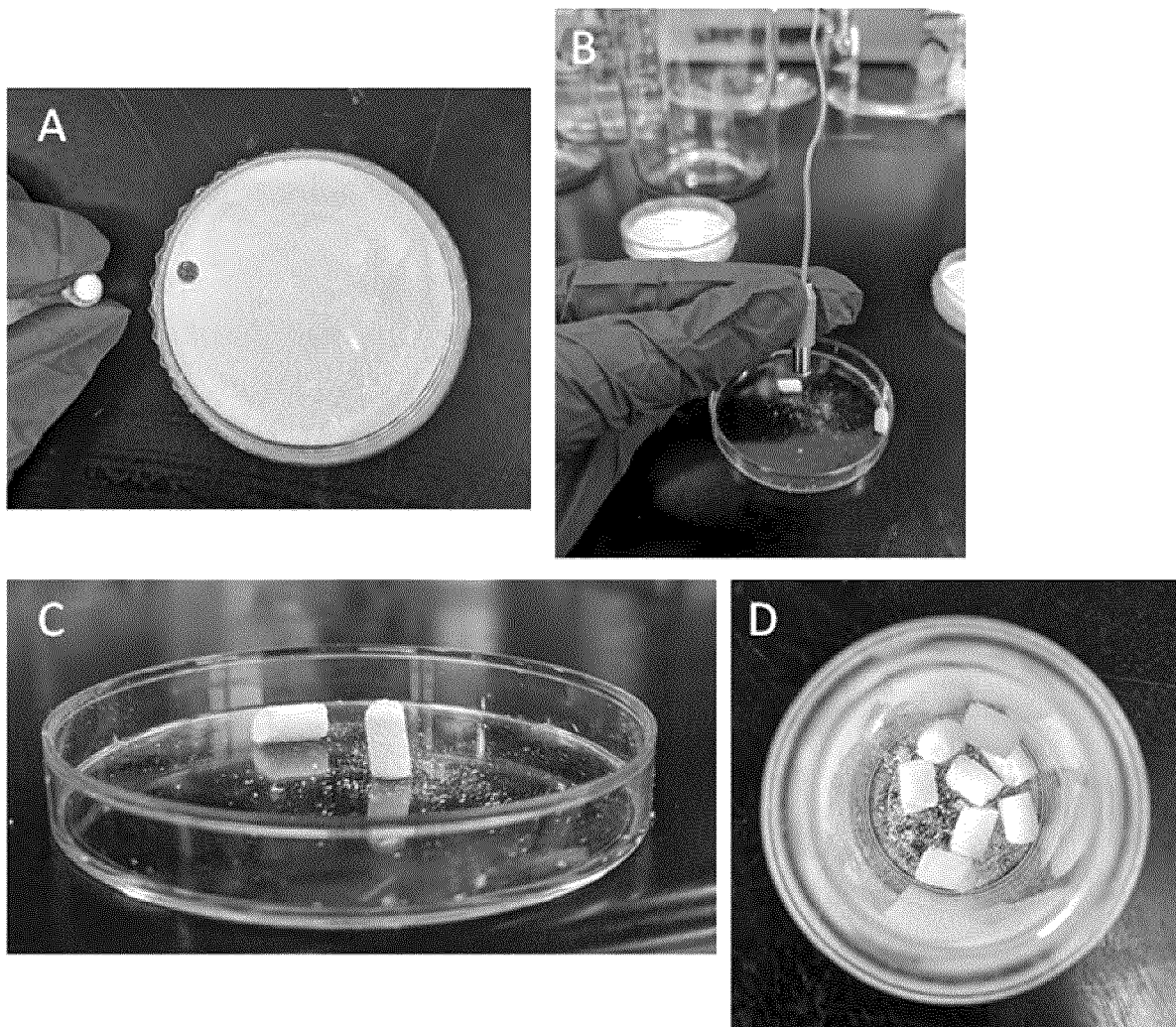


FIGURE 130

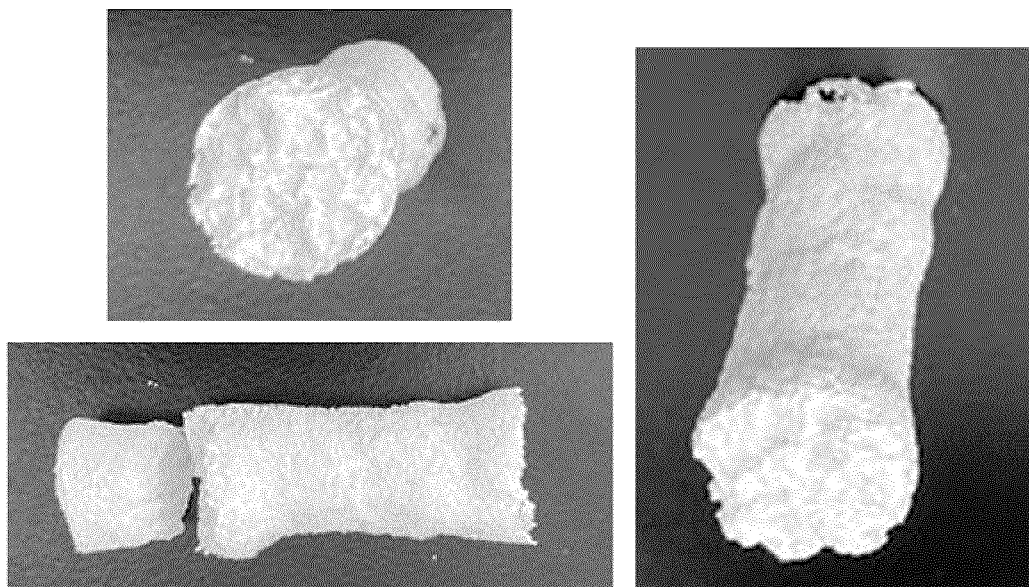


FIGURE 131

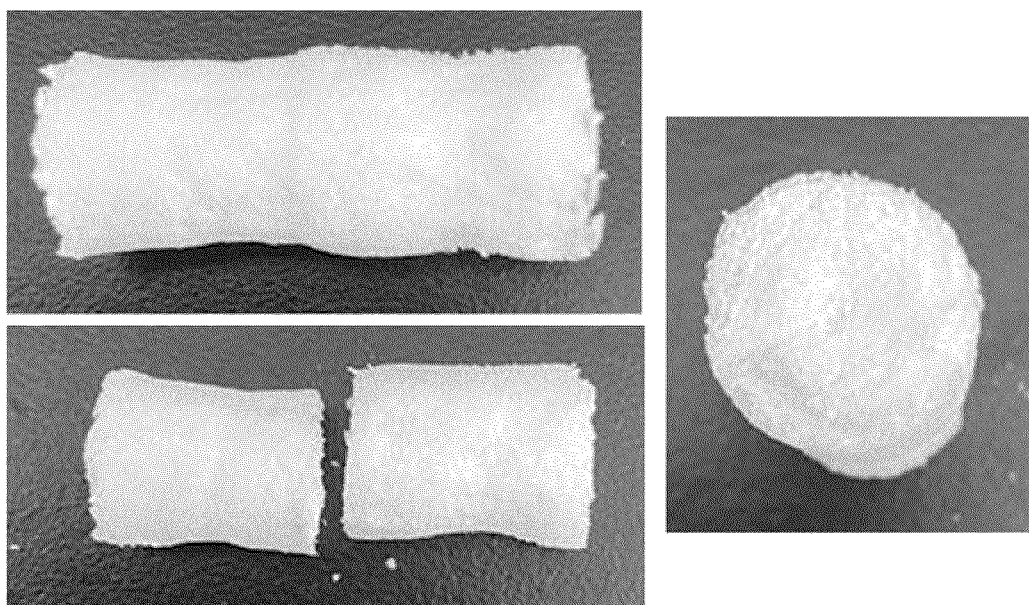


FIGURE 132

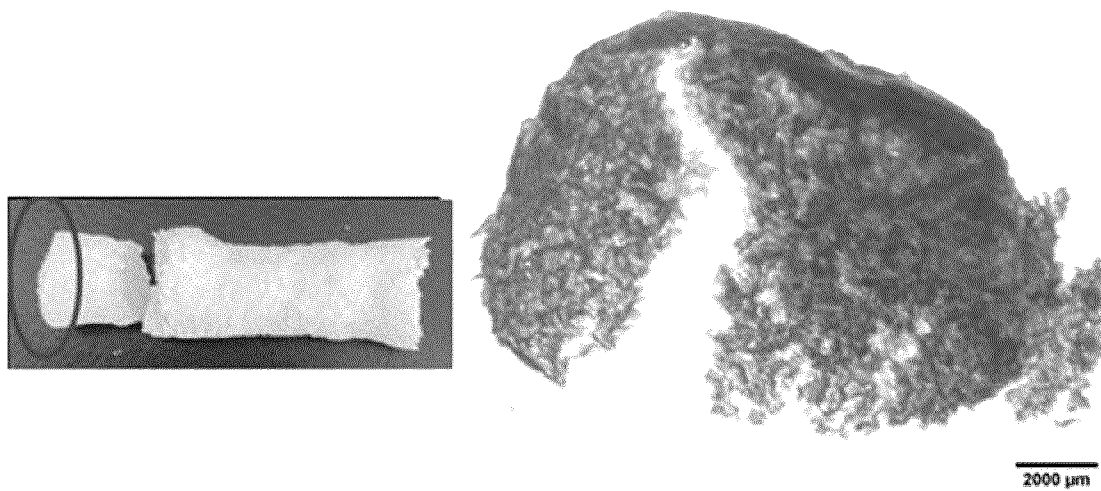


FIGURE 133

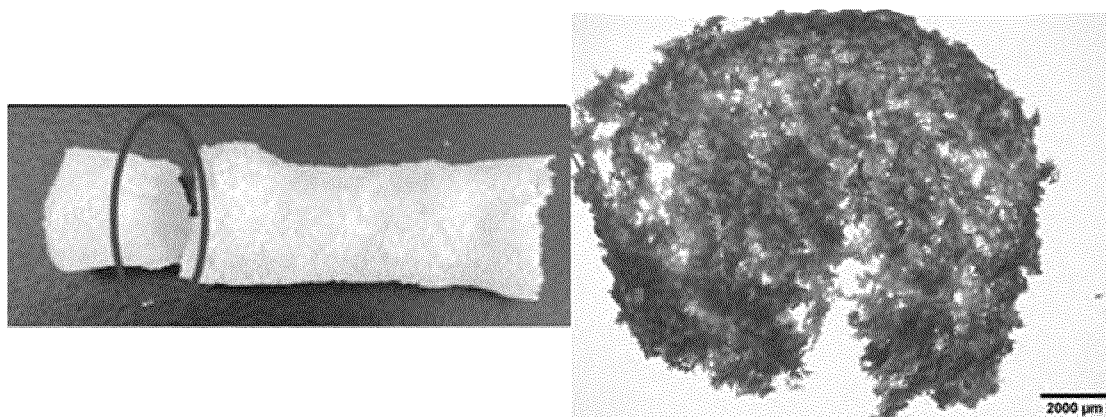


FIGURE 134

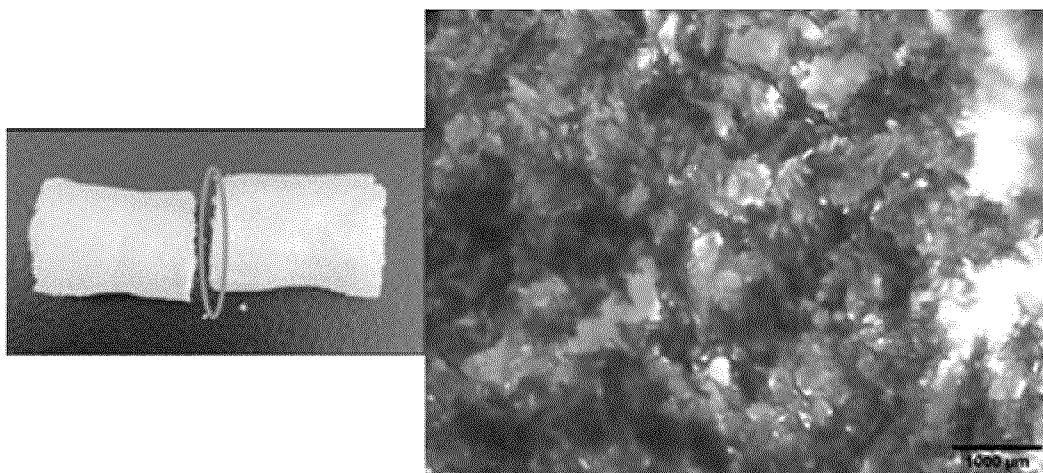


FIGURE 135

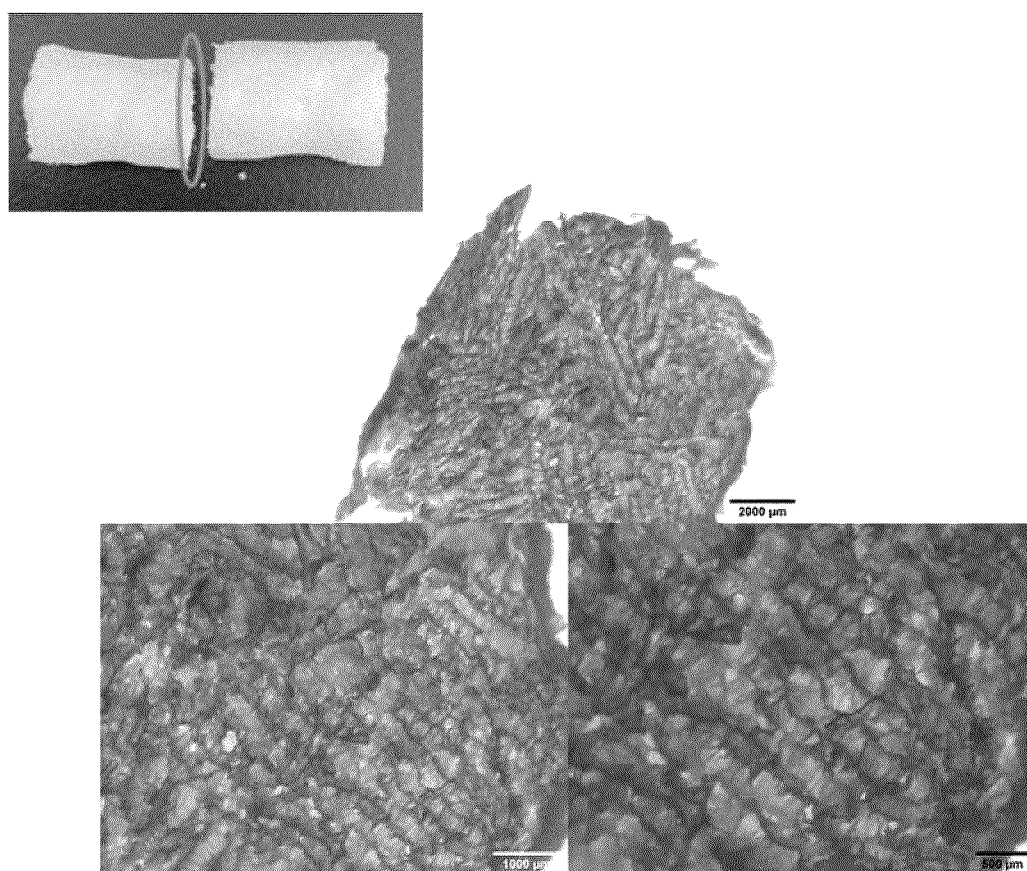


FIGURE 136

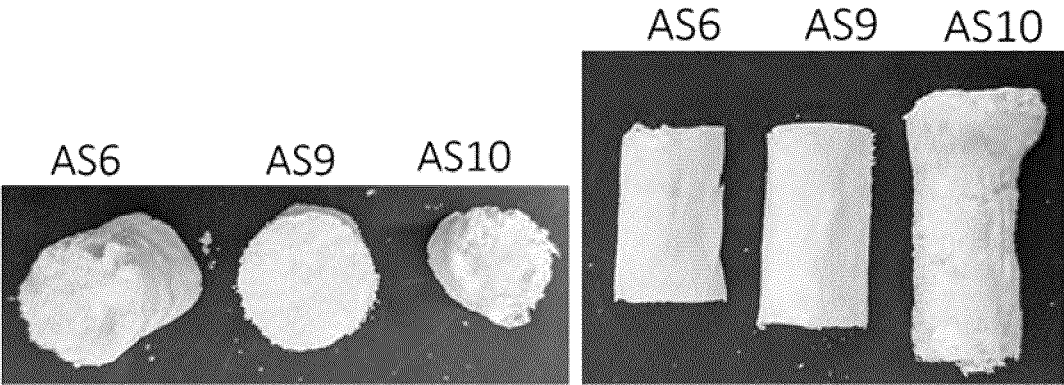


FIGURE 137

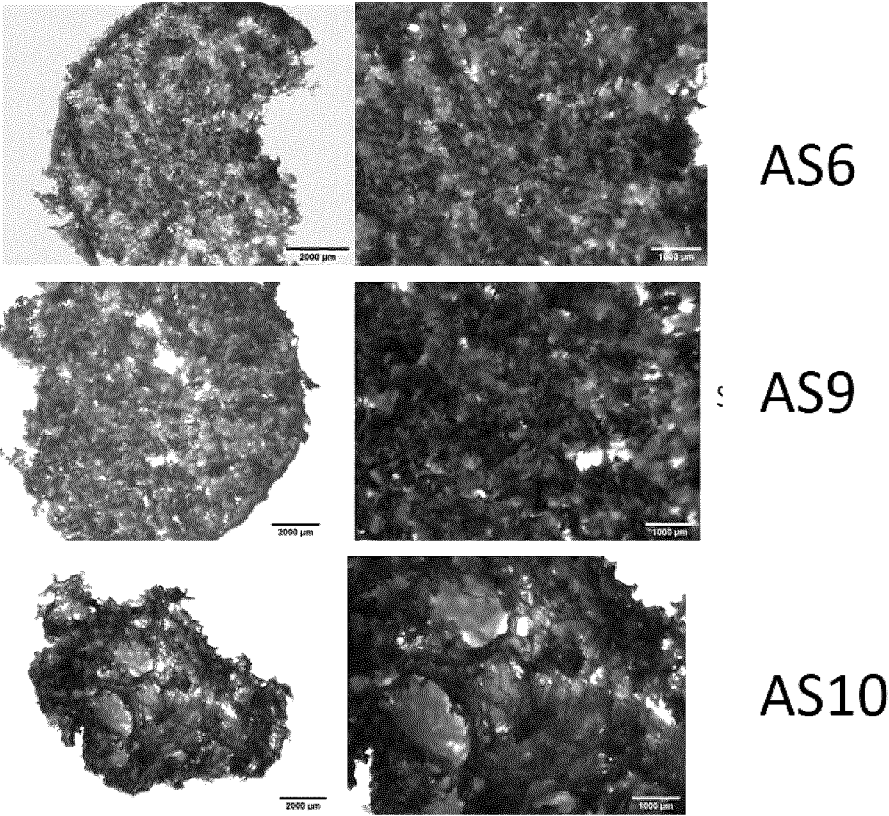


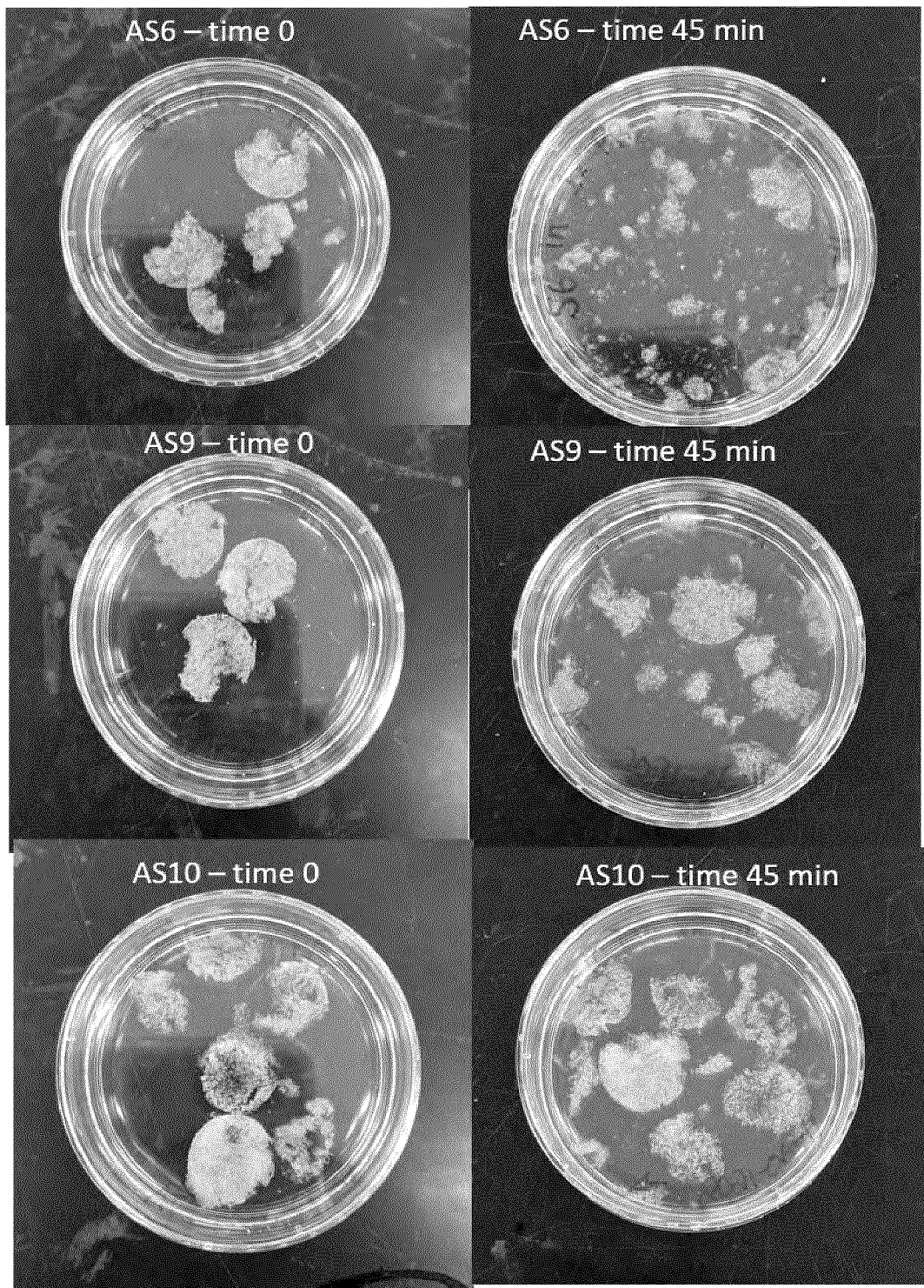
FIGURE 138

FIGURE 139

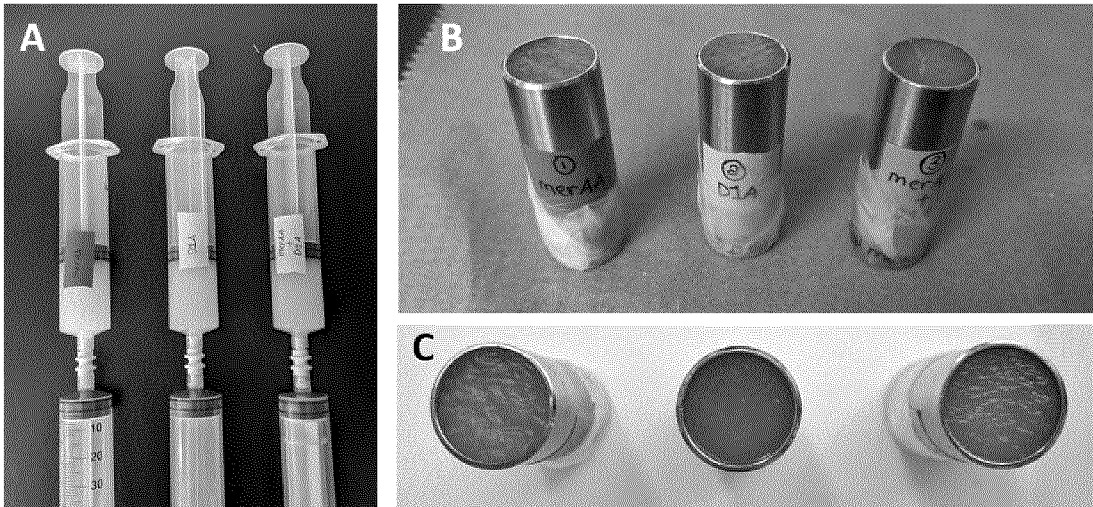


FIGURE 140

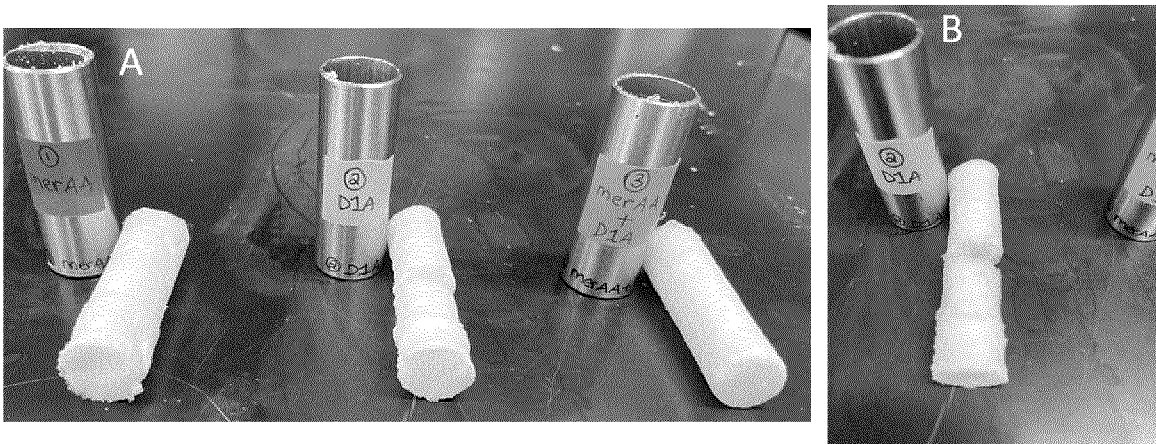


FIGURE 141

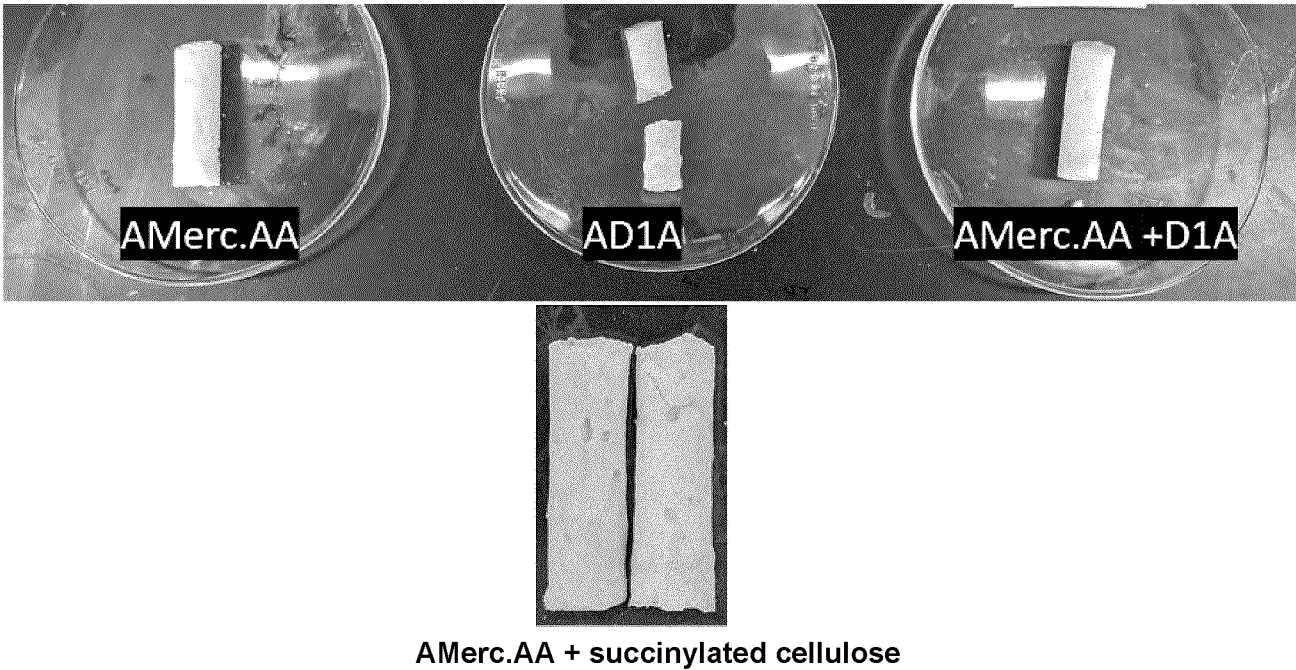


FIGURE 142

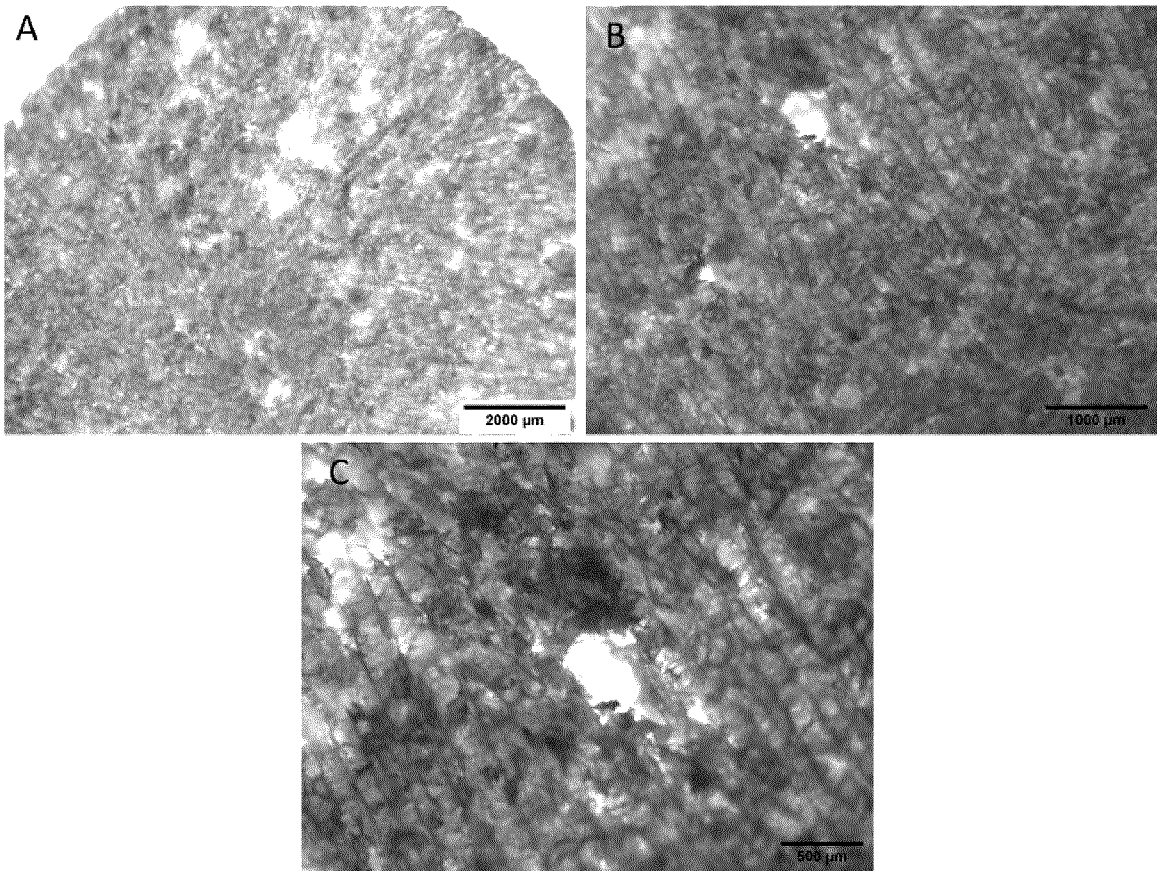


FIGURE 143

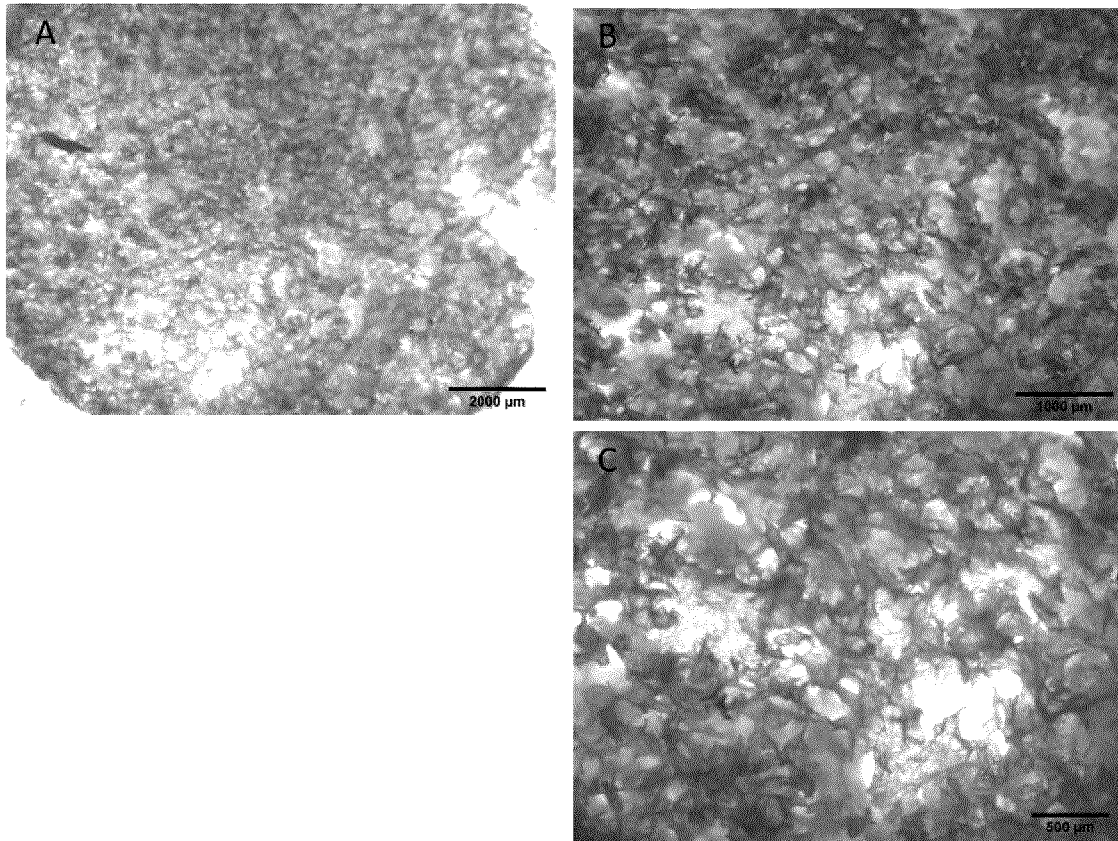


FIGURE 144

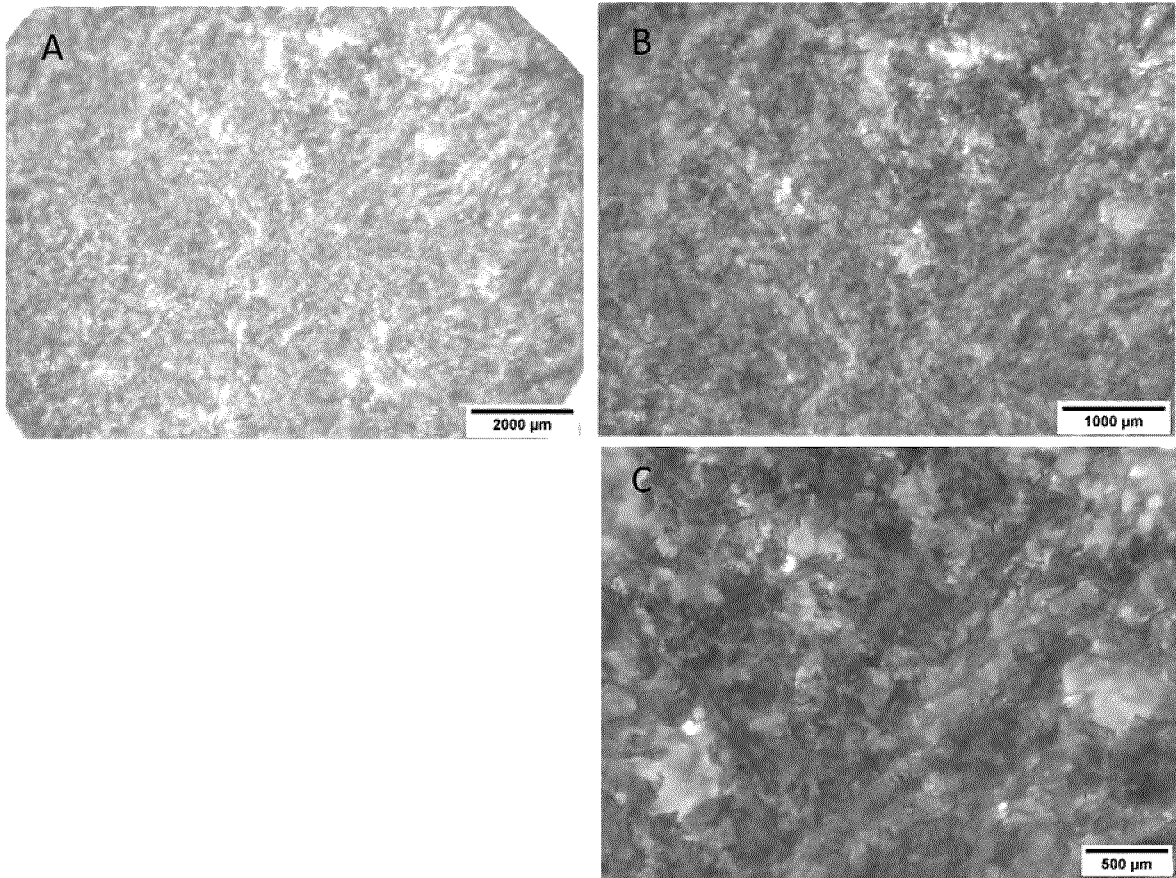


FIGURE 145

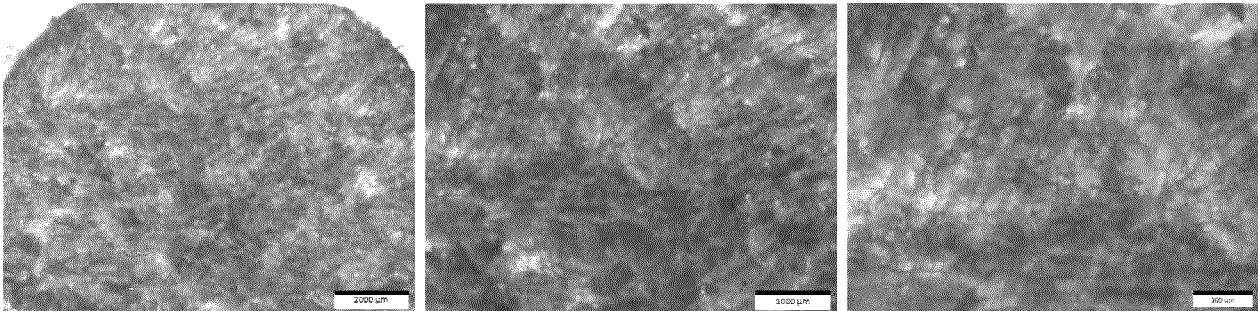


FIGURE 146

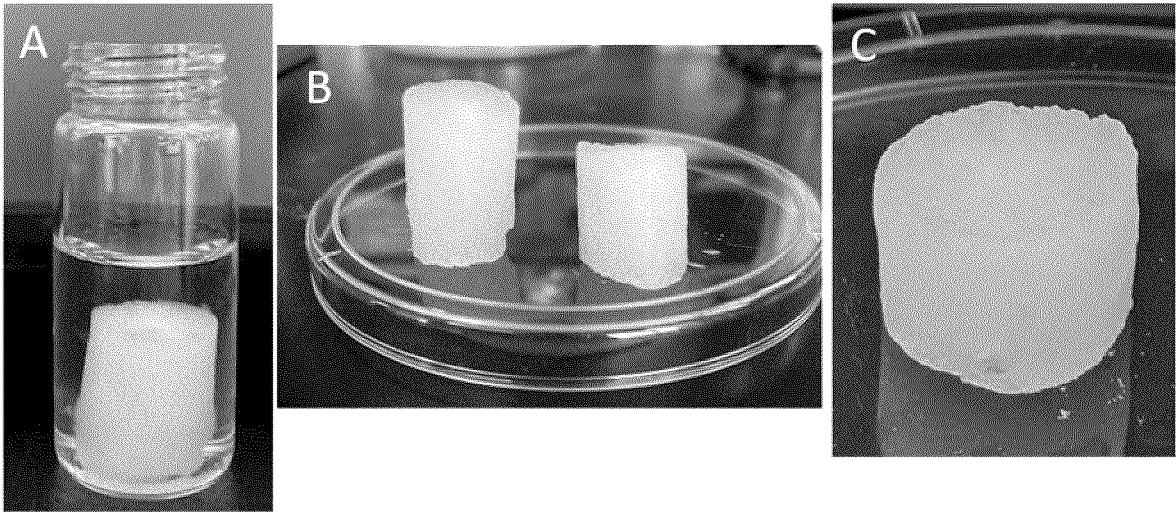


FIGURE 147

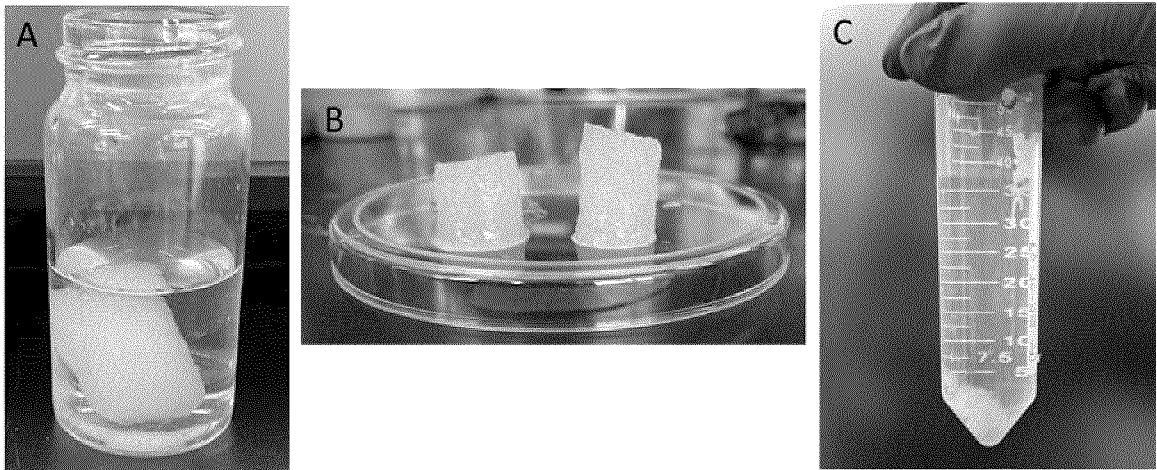


FIGURE 148

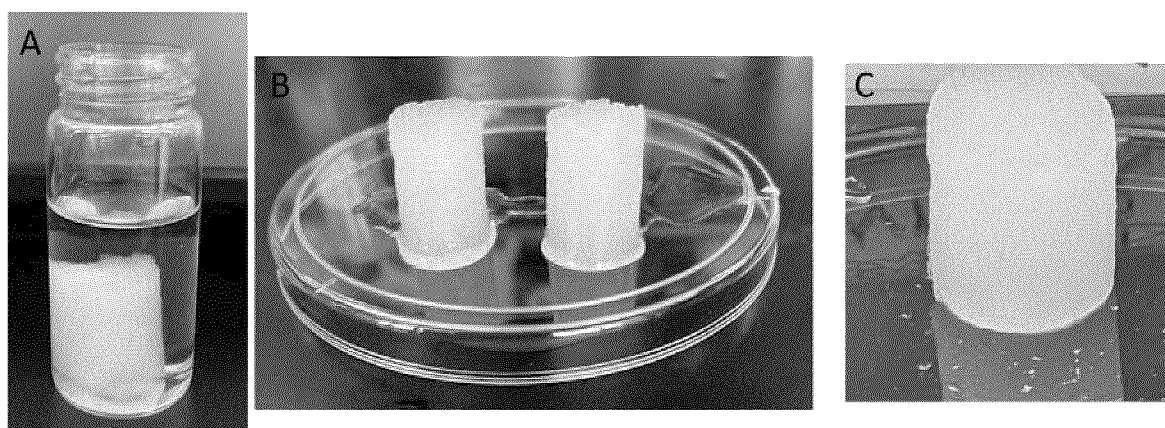


FIGURE 149

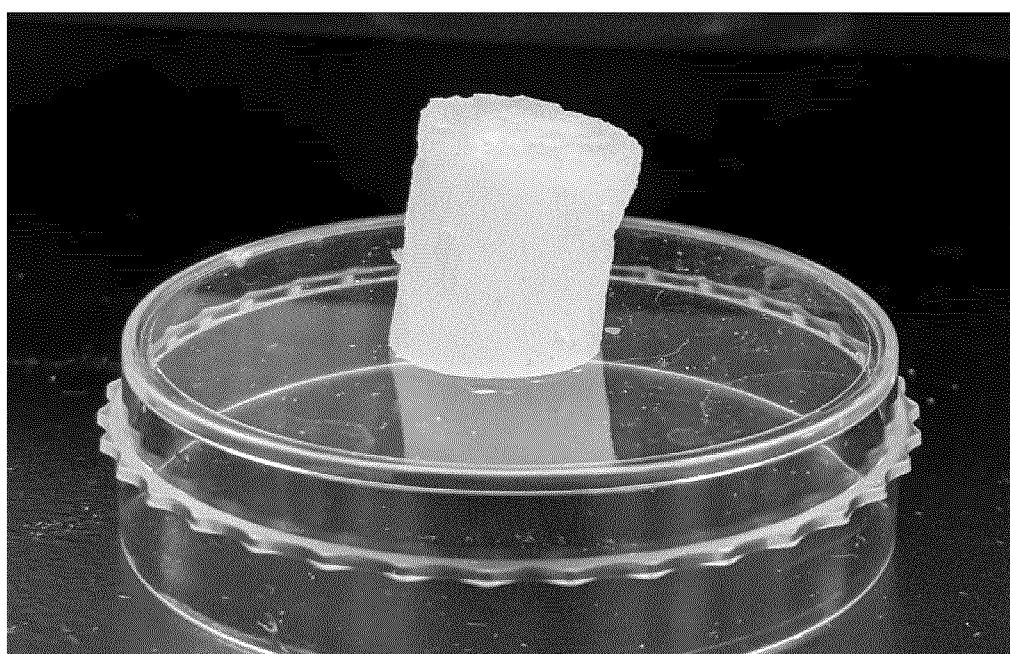


FIGURE 150

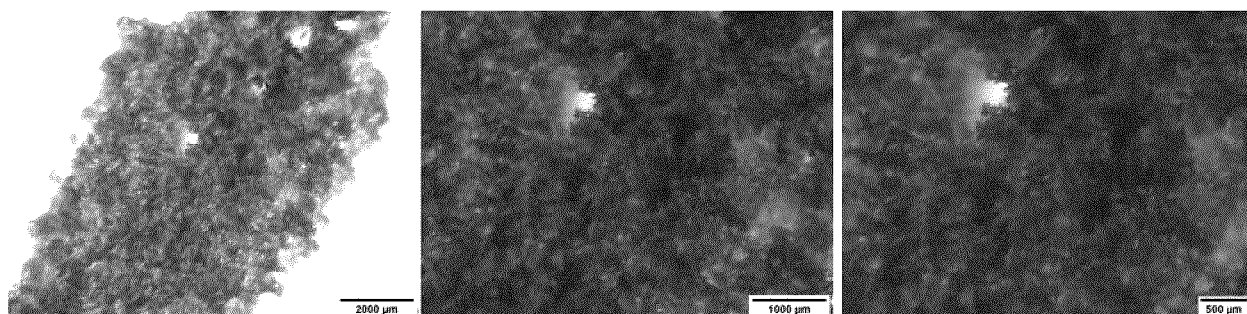


FIGURE 151

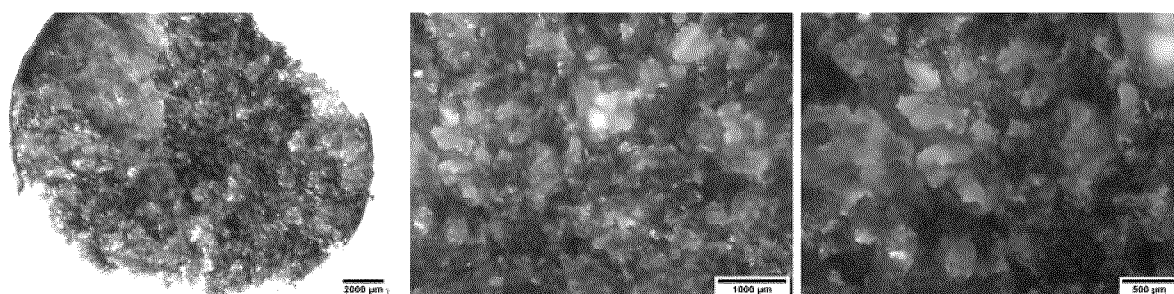


FIGURE 152

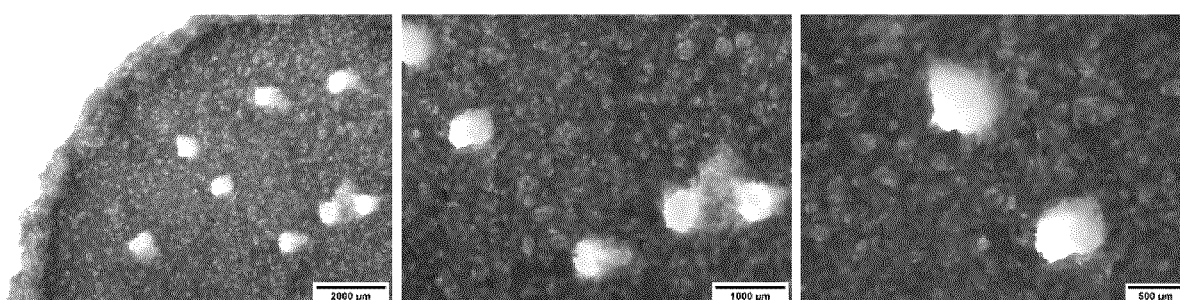


FIGURE 153

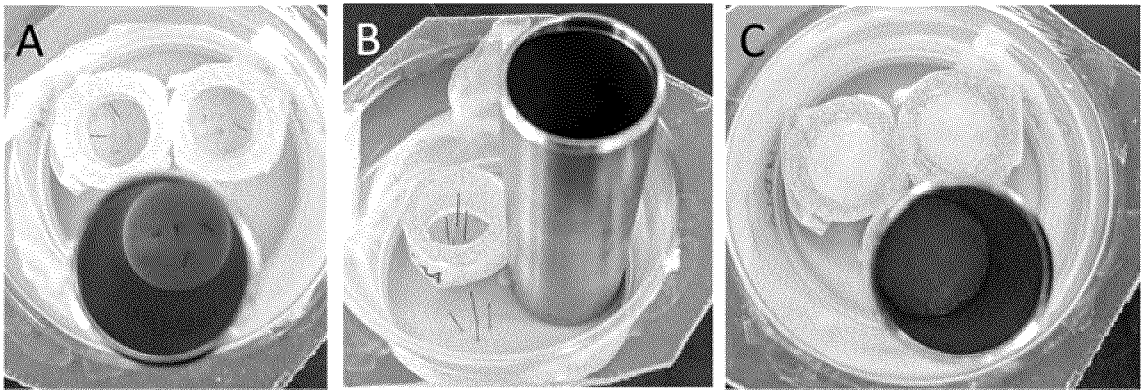


FIGURE 154

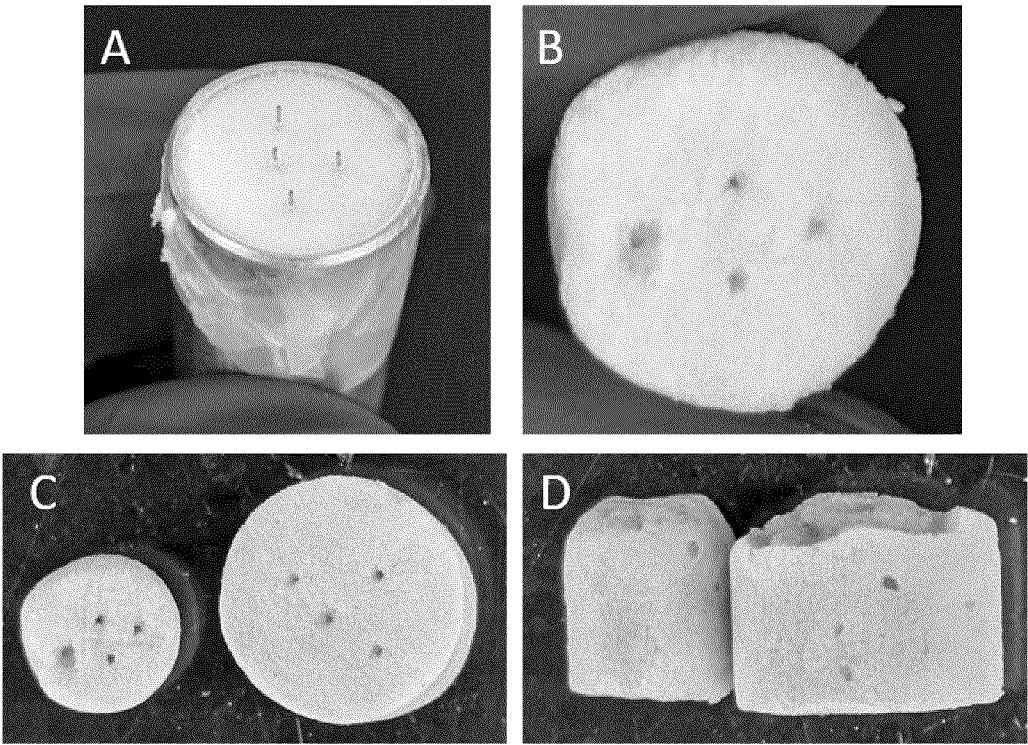


FIGURE 155

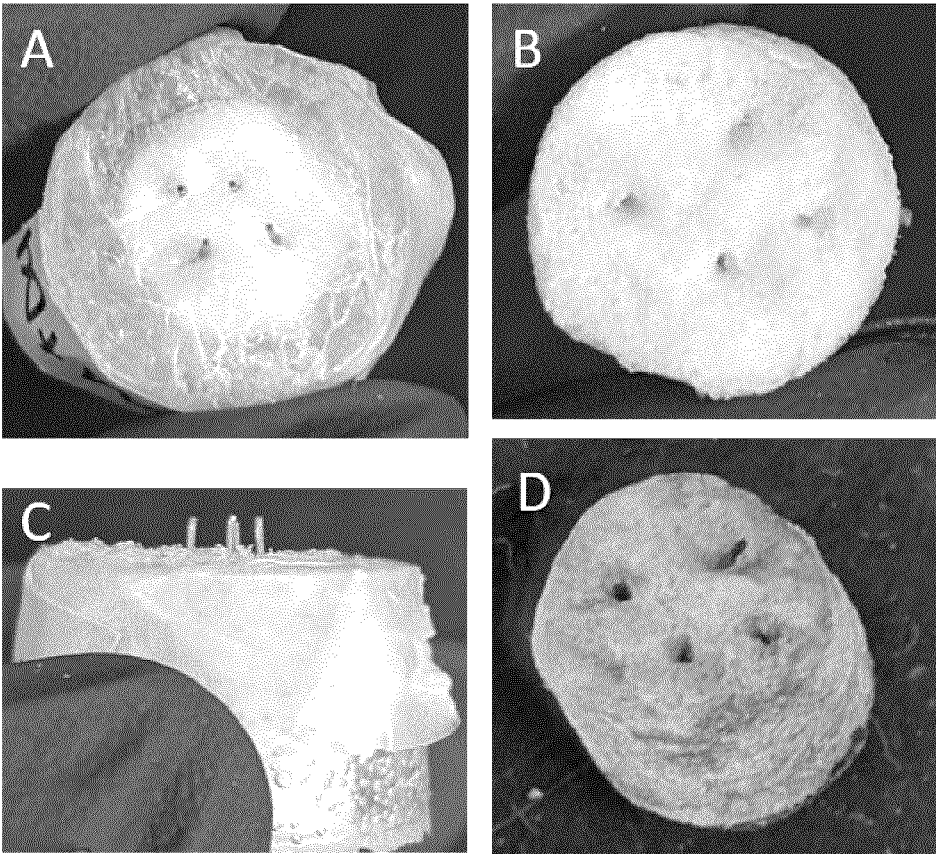


FIGURE 156

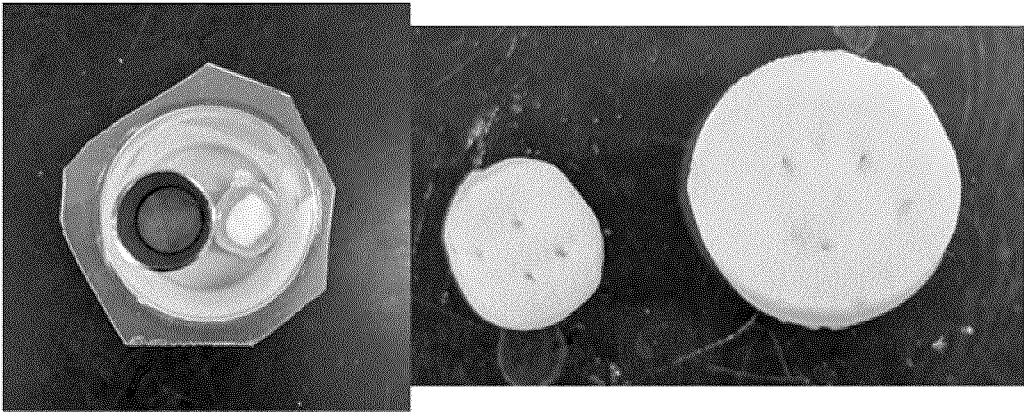


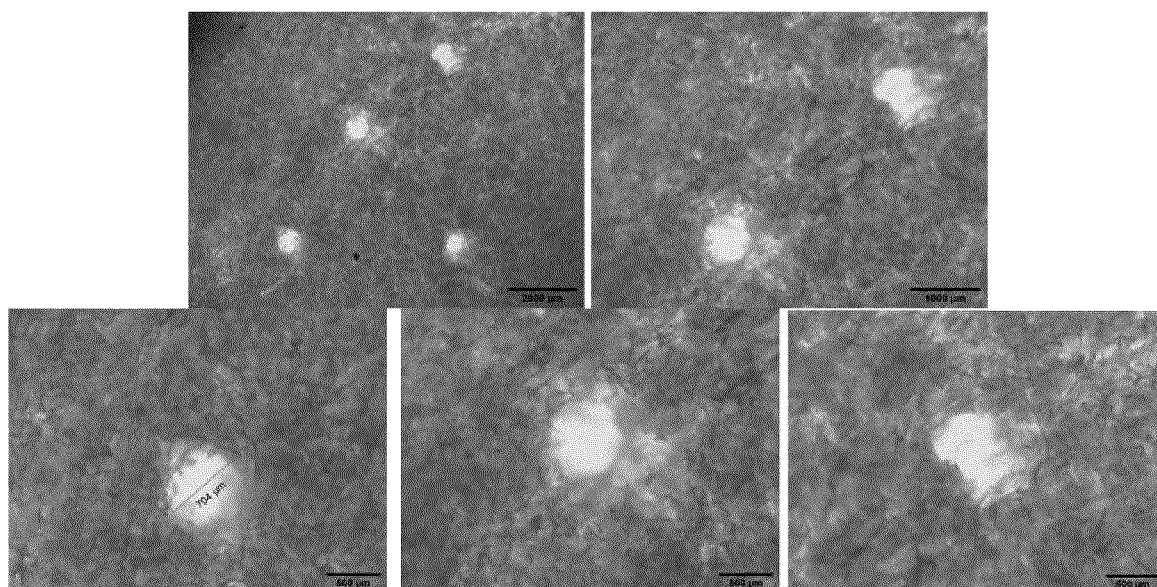
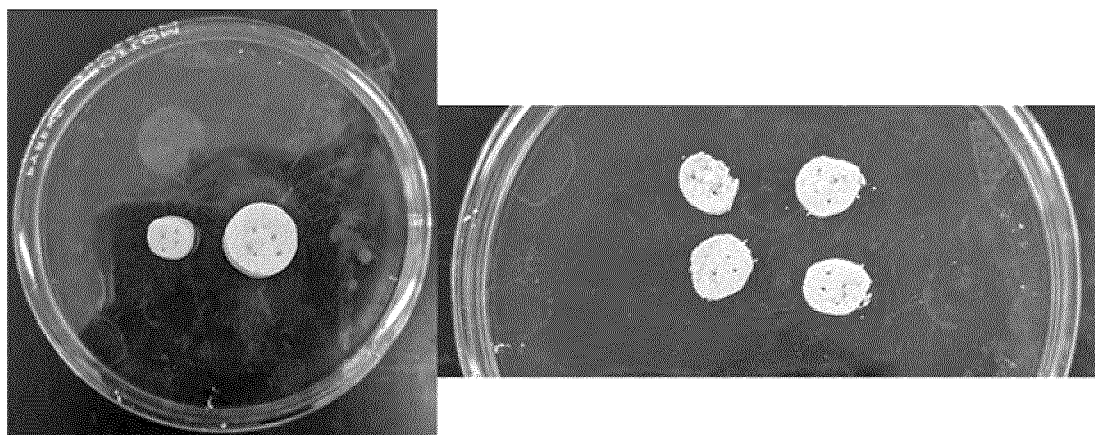
FIGURE 157**FIGURE 158**

FIGURE 159

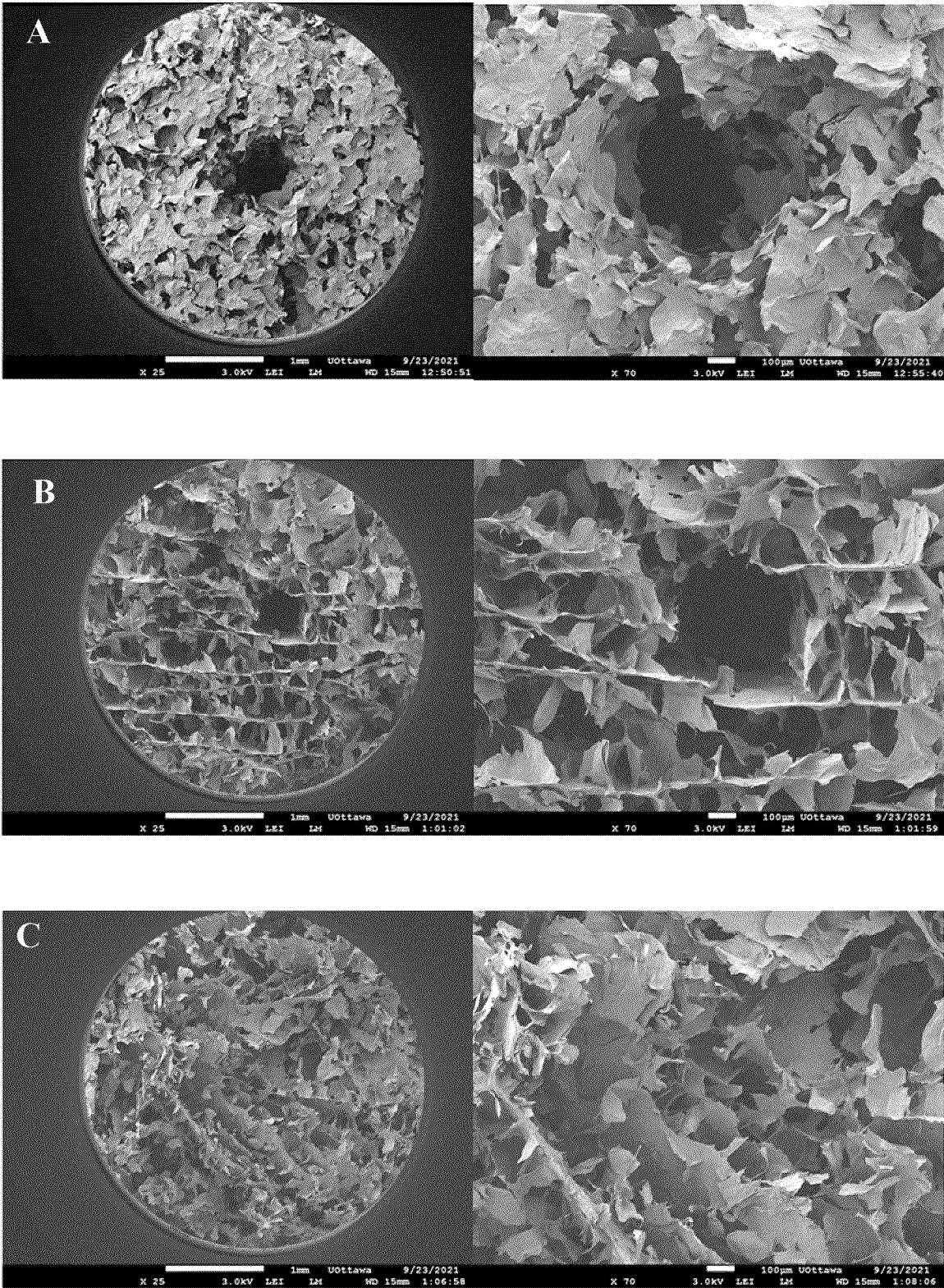


FIGURE 160

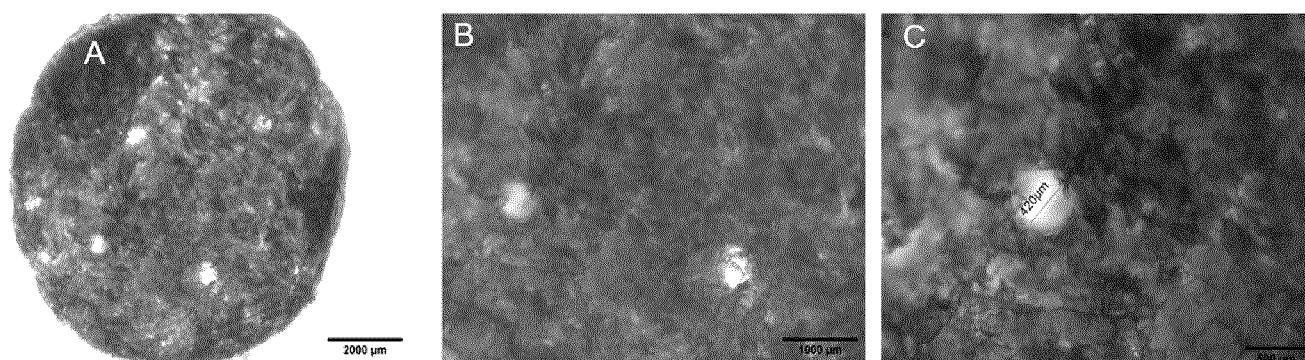


FIGURE 161

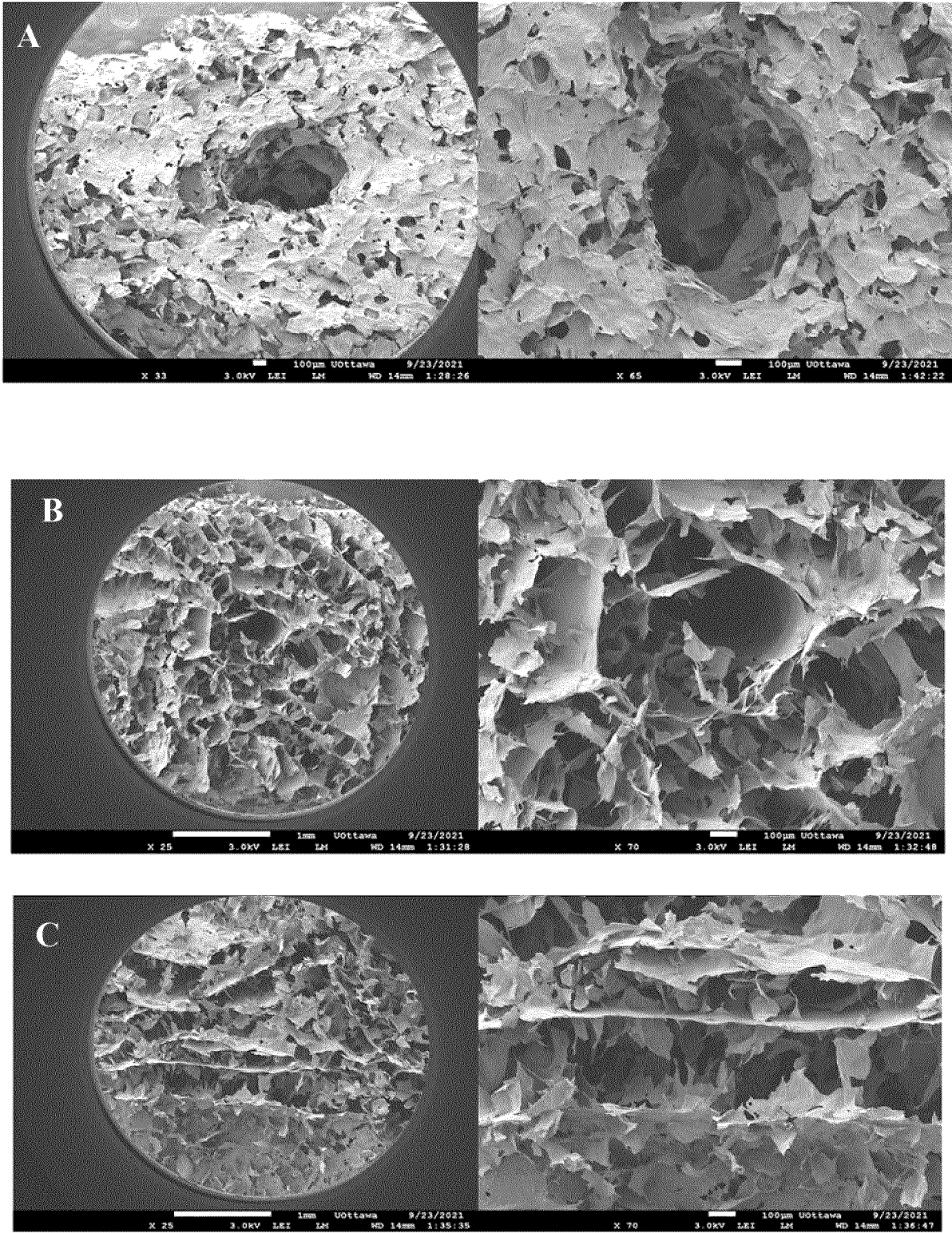


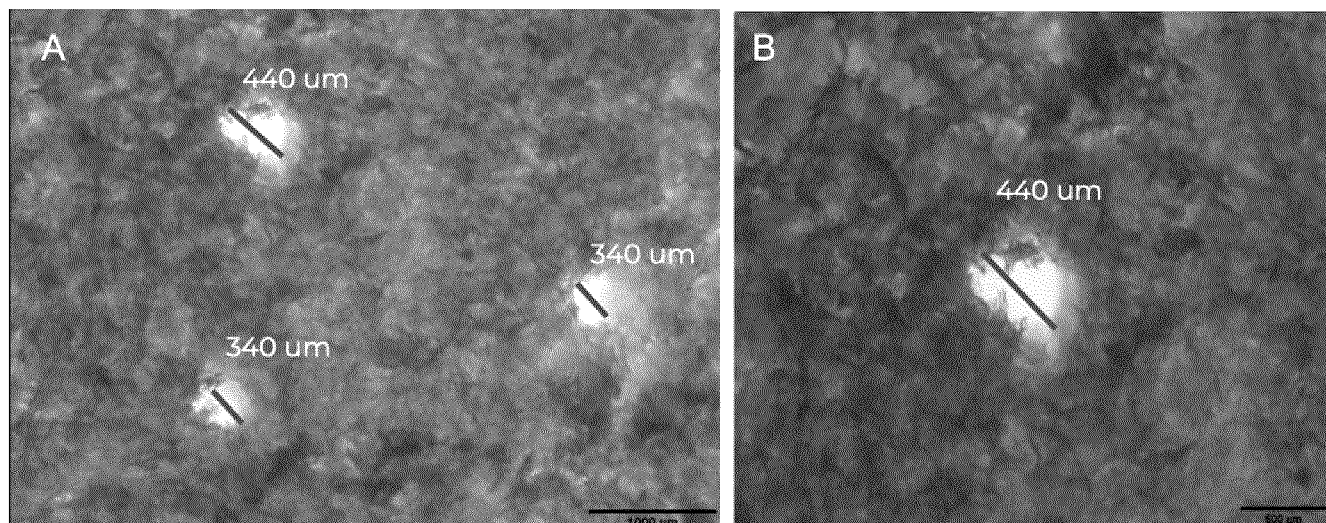
FIGURE 162

FIGURE 163

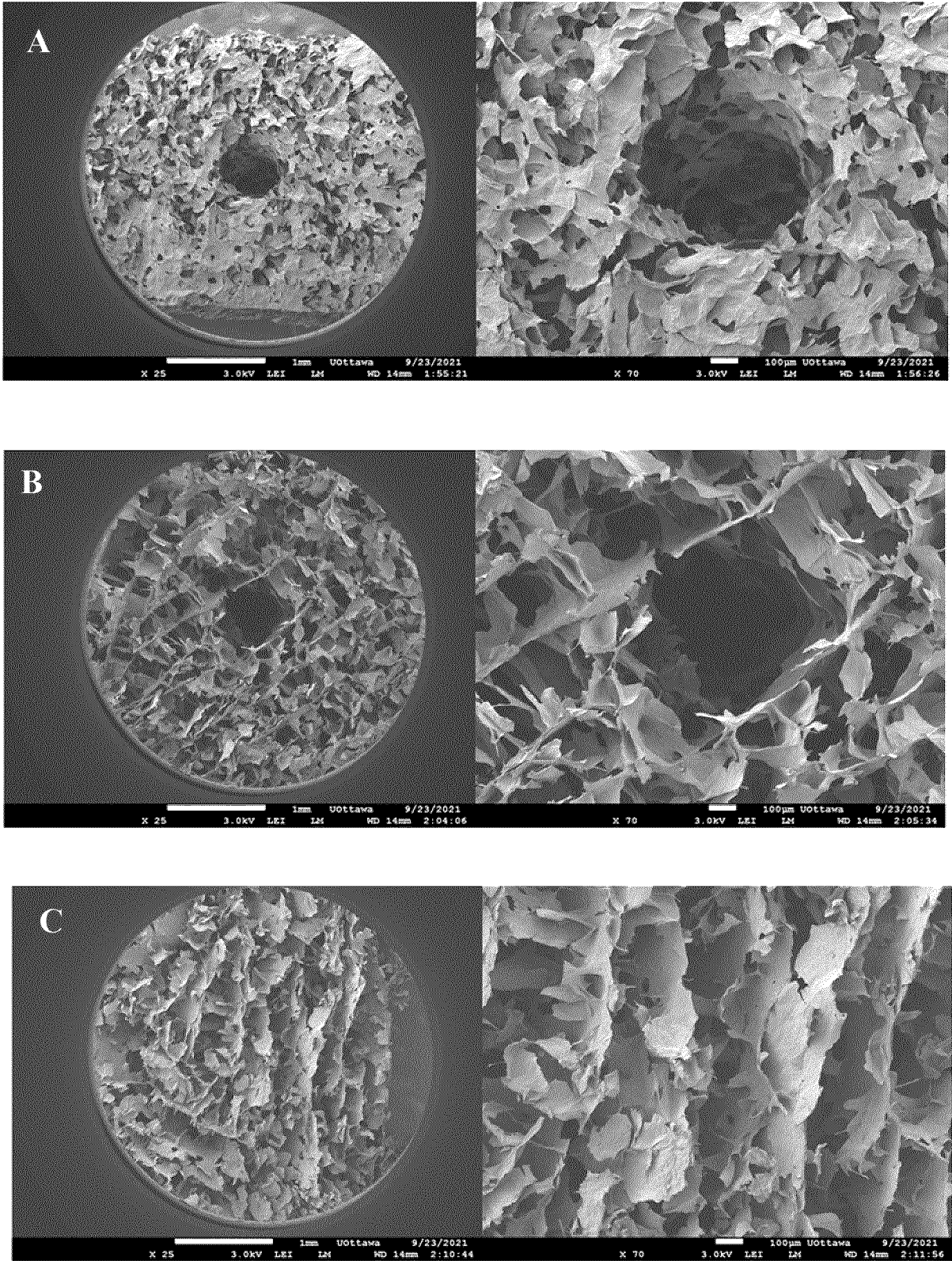


FIGURE 164

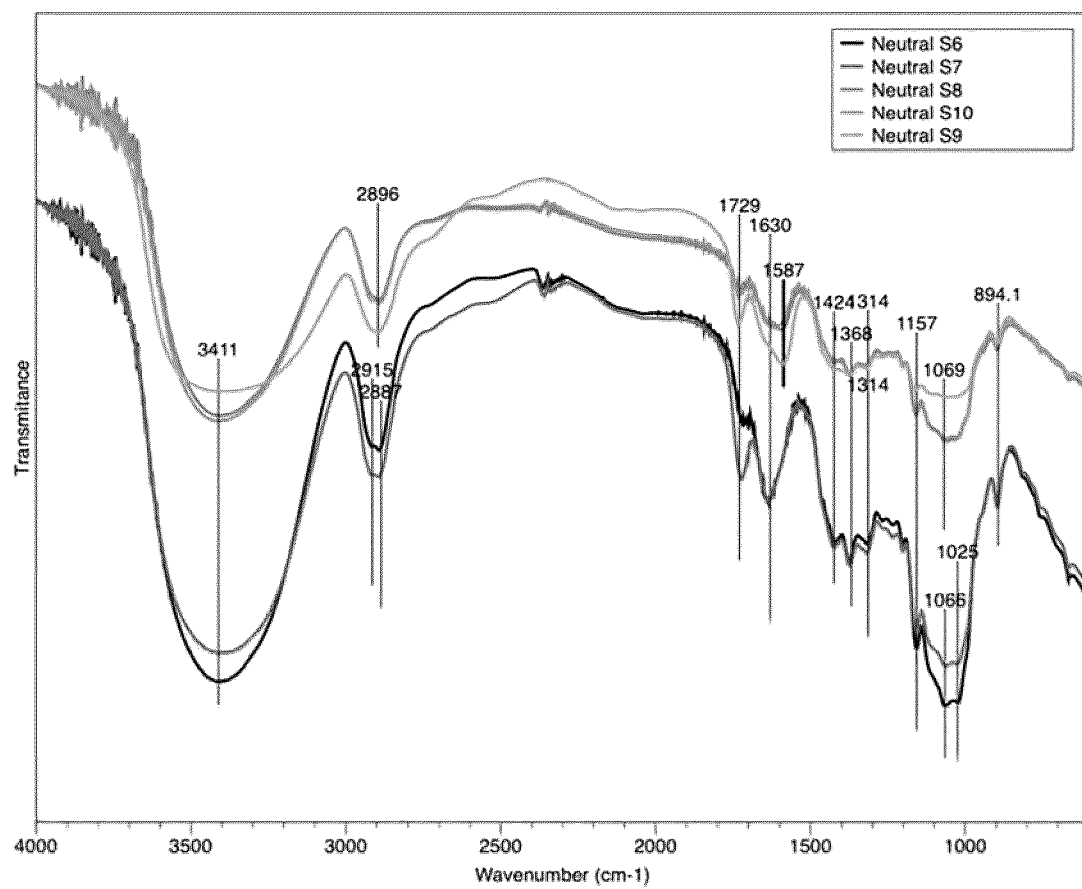


FIGURE 165

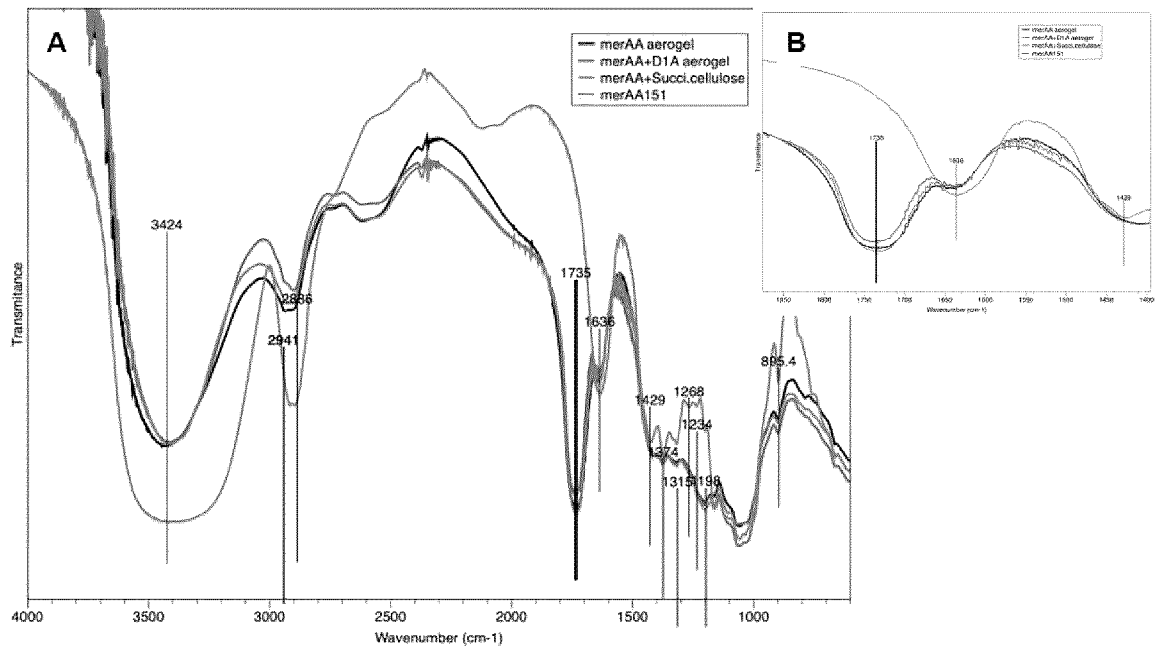


FIGURE 166

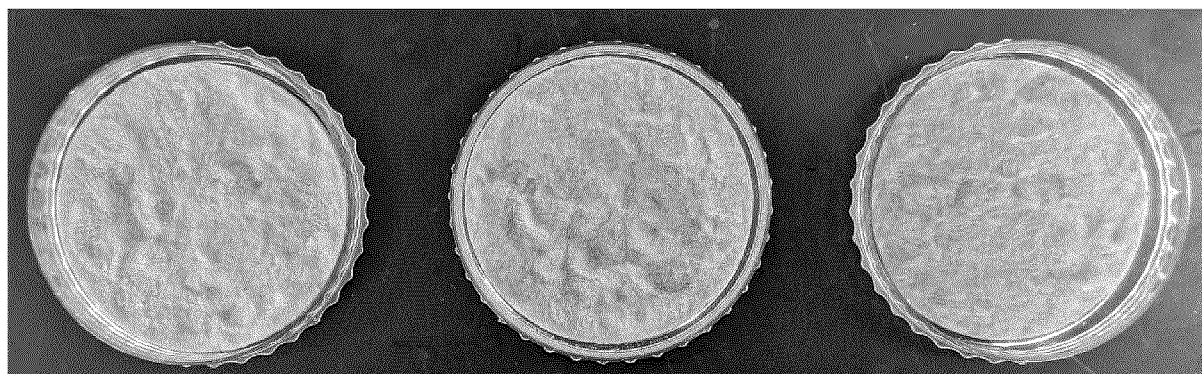


FIGURE 167

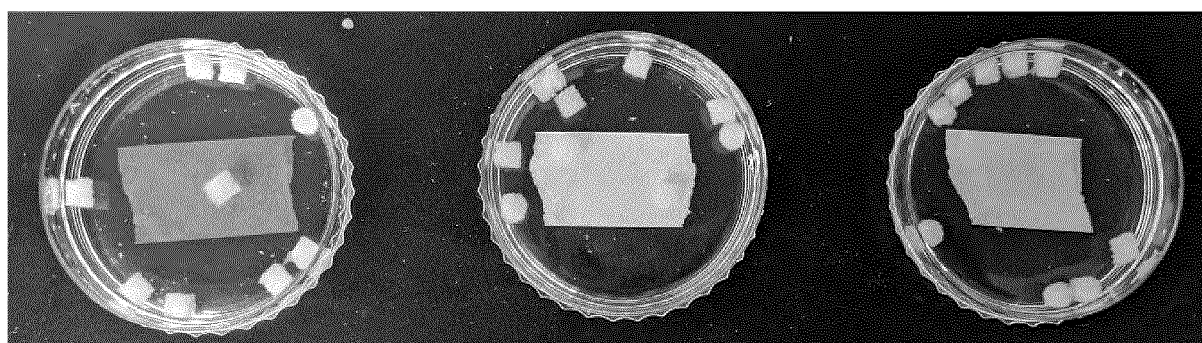


FIGURE 168

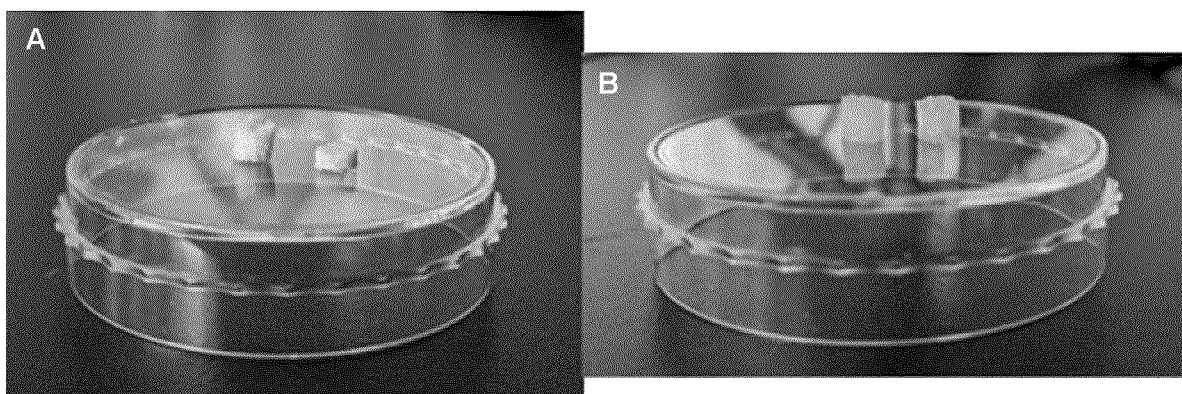


FIGURE 169

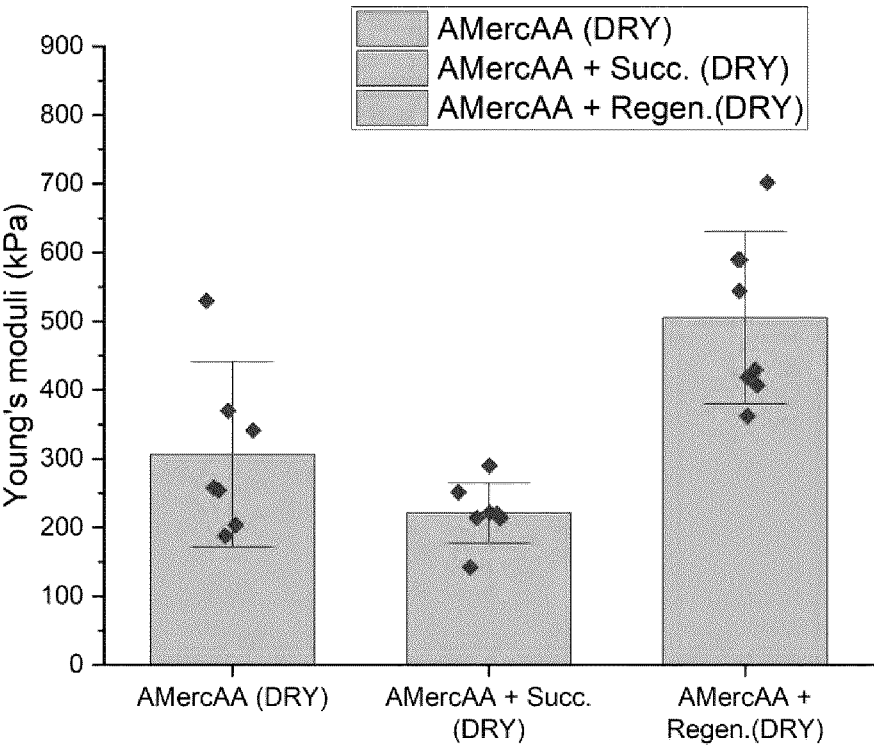


FIGURE 170

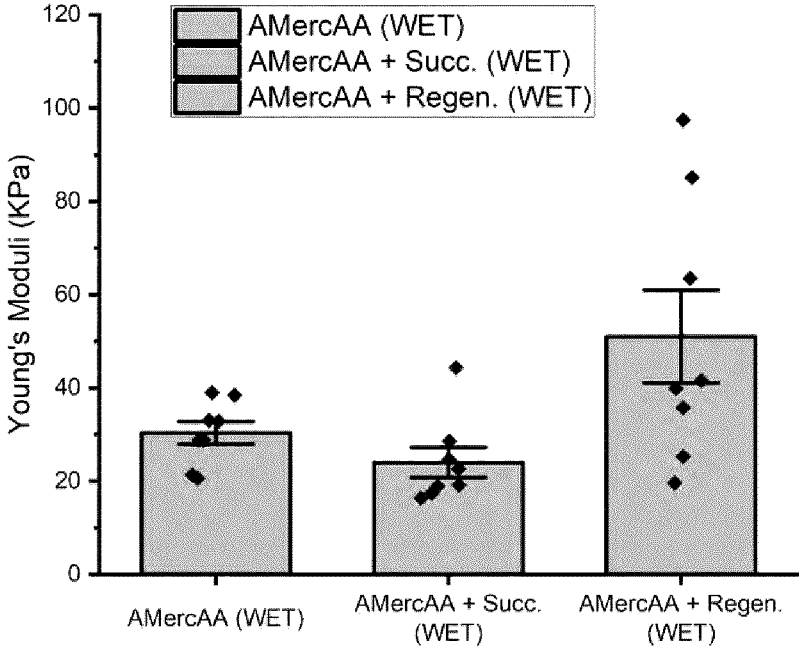


FIGURE 171

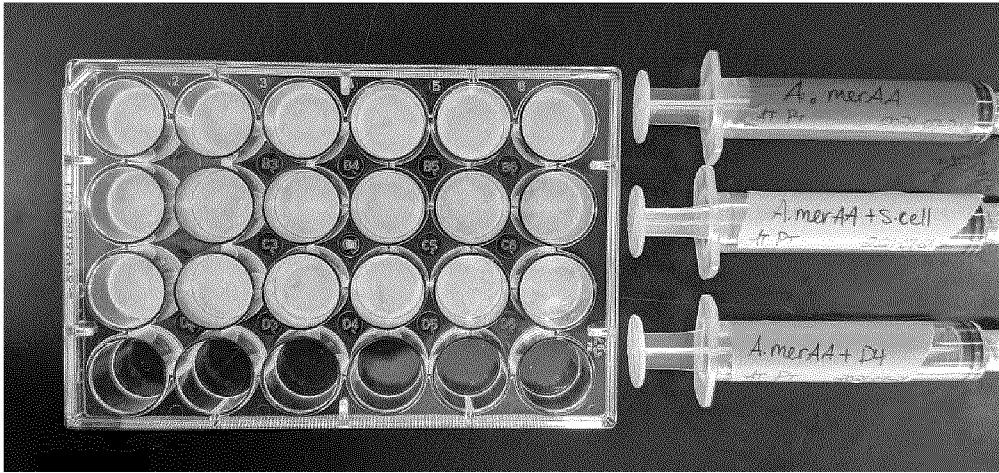


FIGURE 172

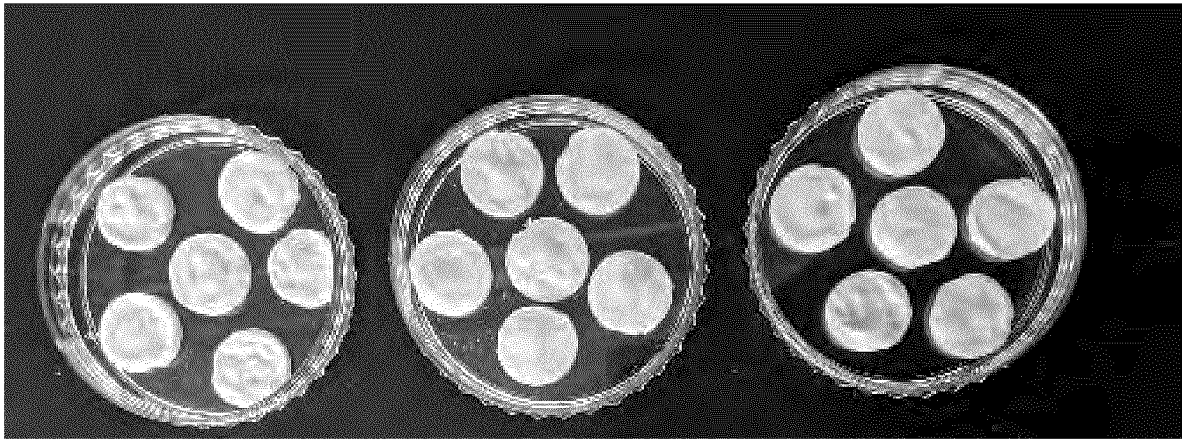


FIGURE 173



FIGURE 174



FIGURE 175

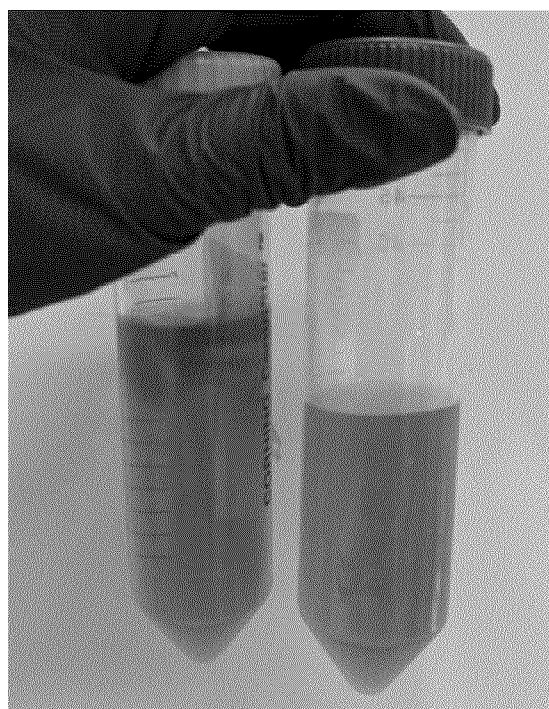


FIGURE 176



FIGURE 177



FIGURE 178

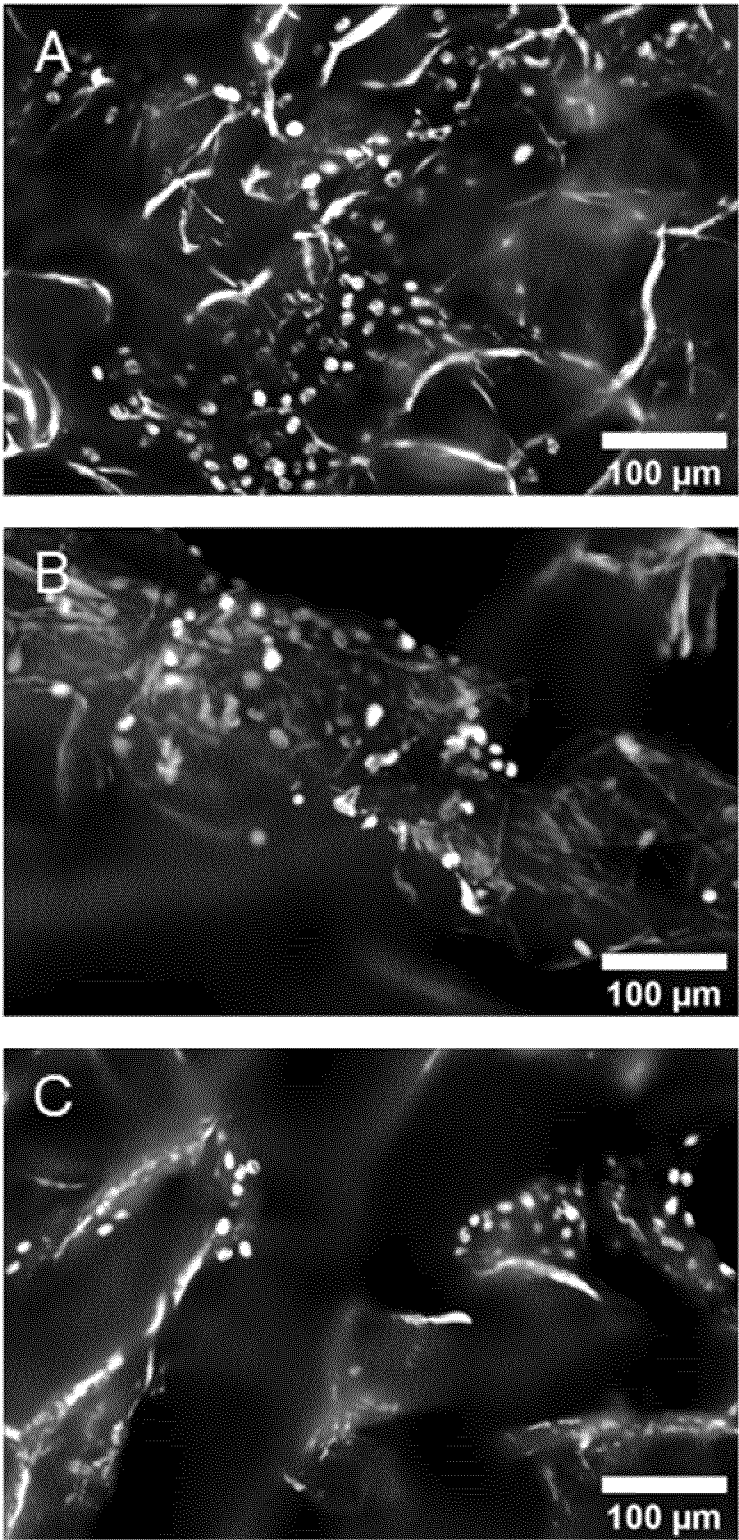


FIGURE 179

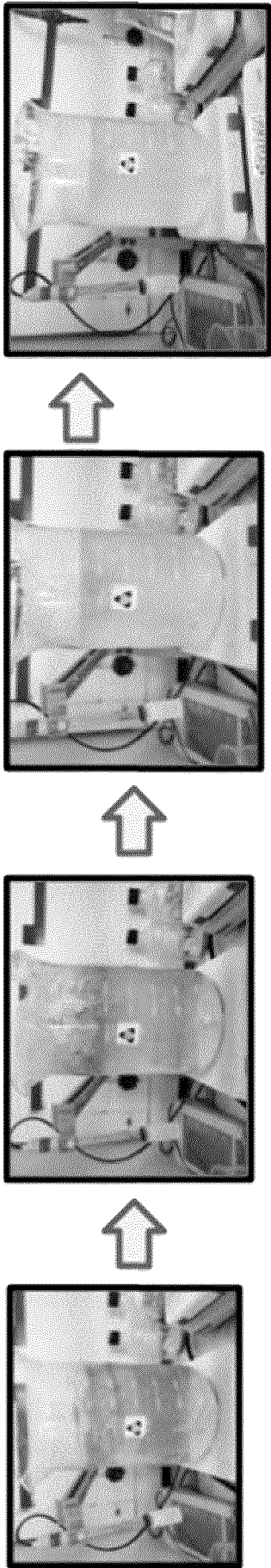


FIGURE 180

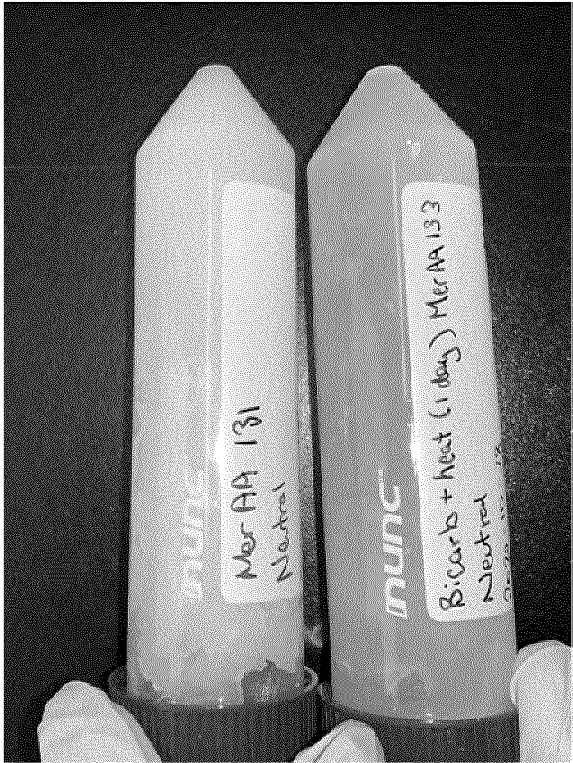


FIGURE 181

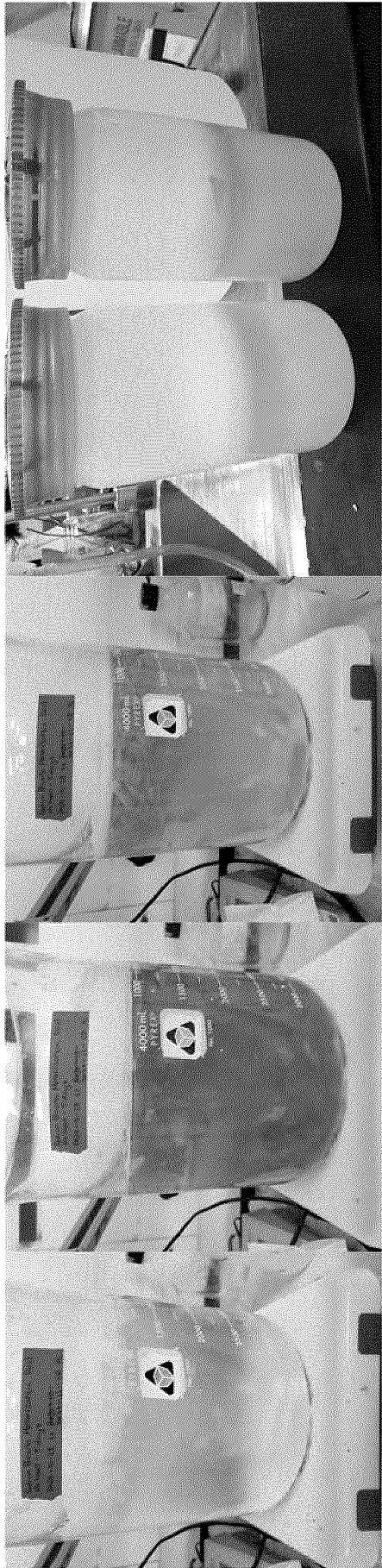


FIGURE 182

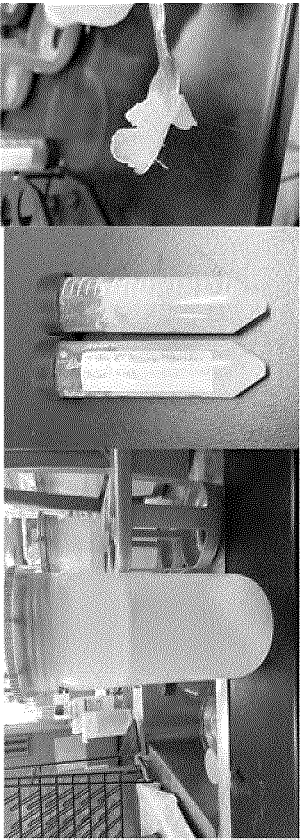


FIGURE 183

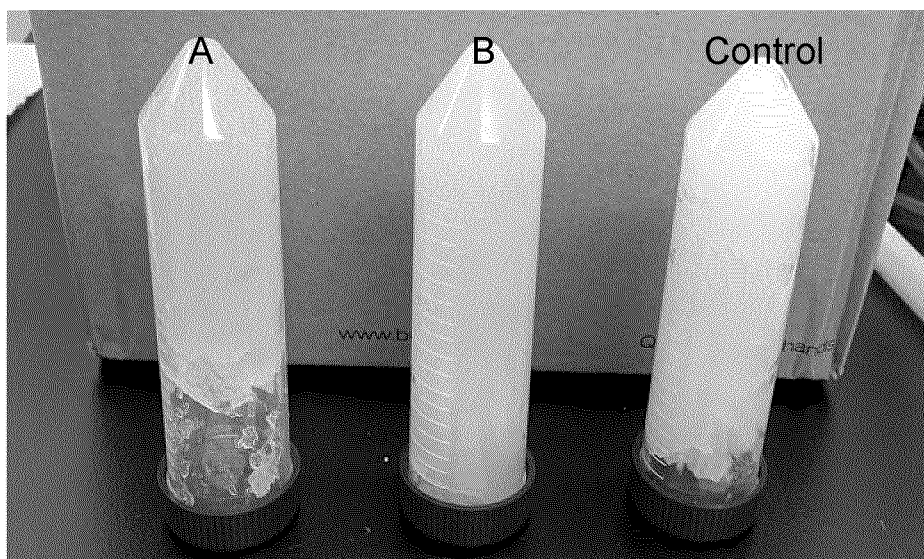


FIGURE 184

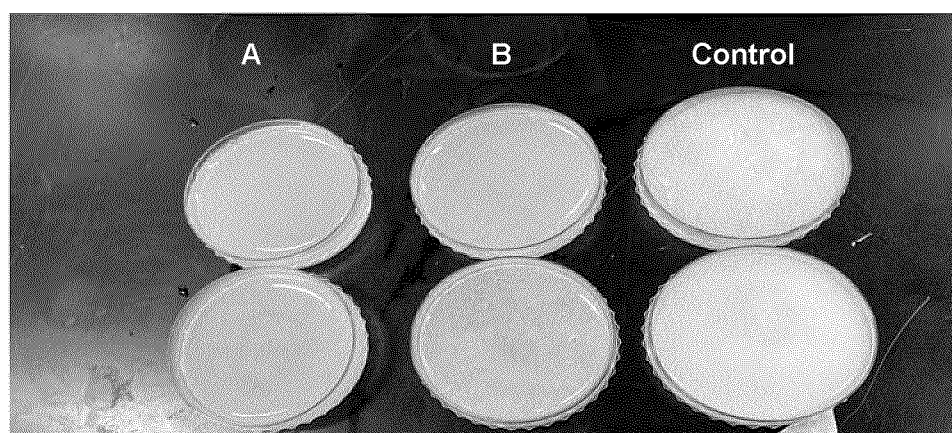


FIGURE 185

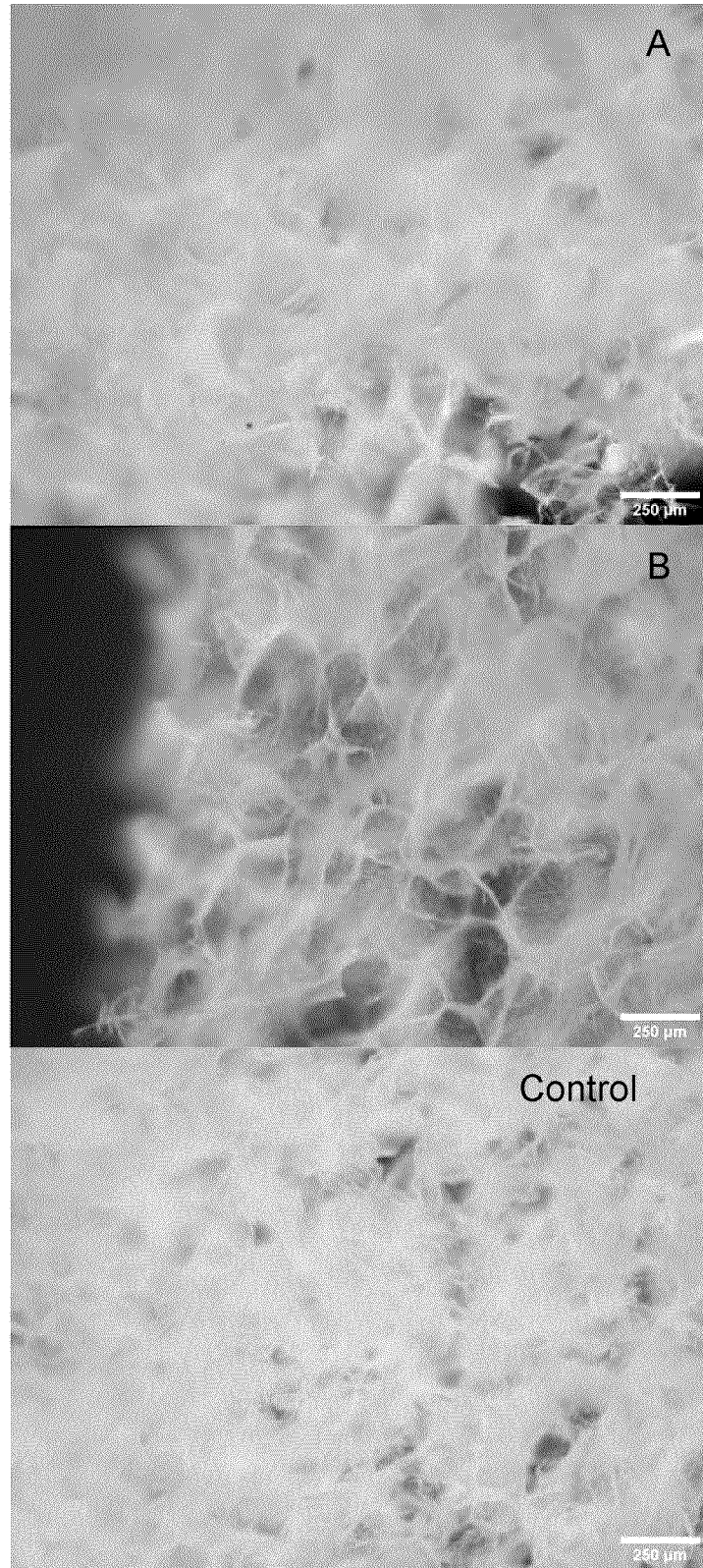


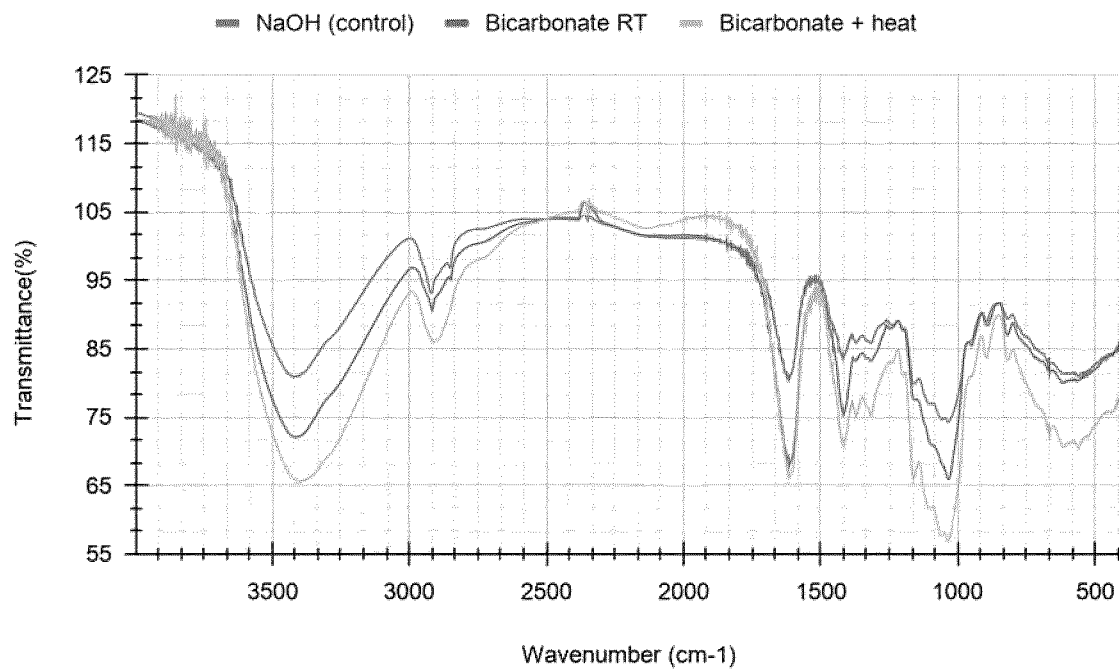
FIGURE 186

FIGURE 187

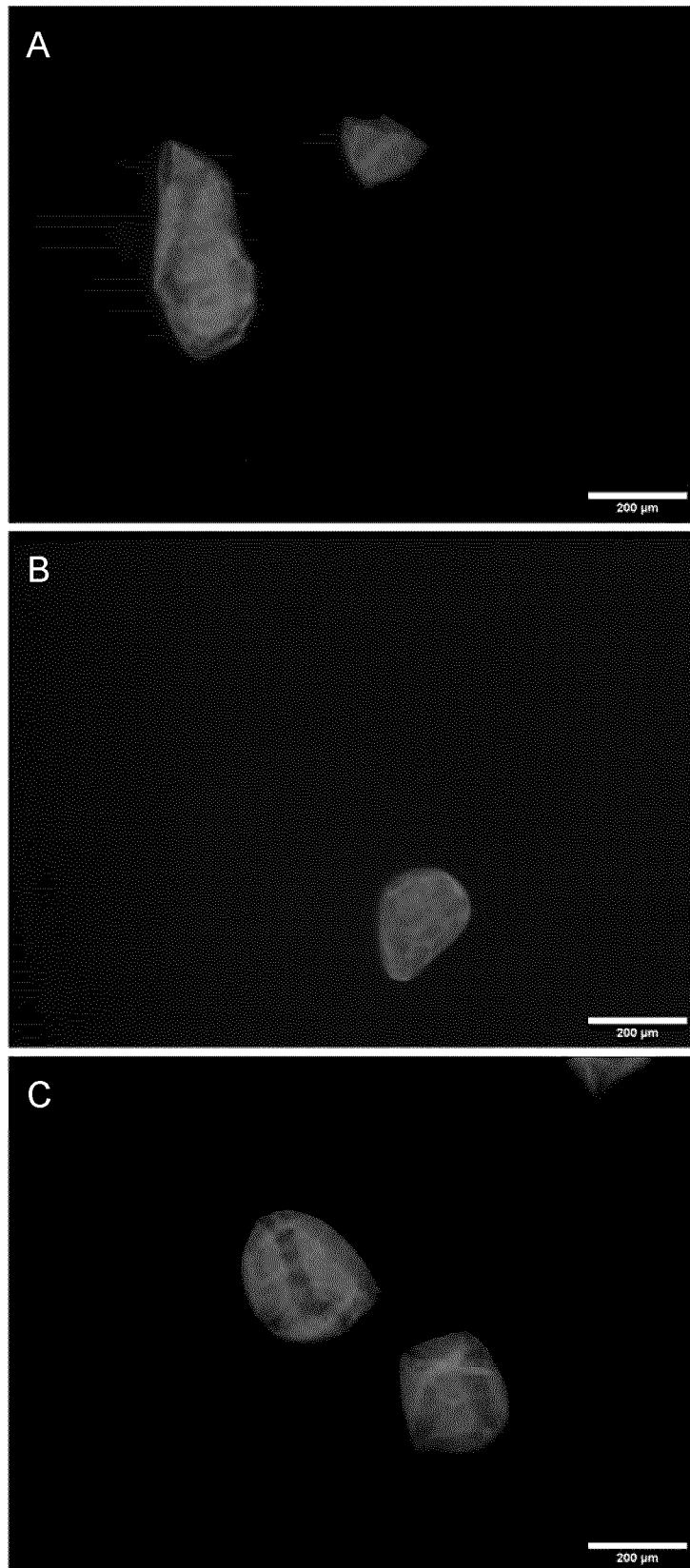
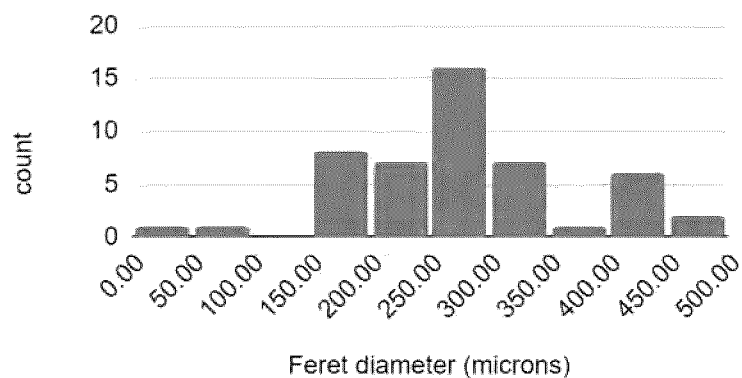
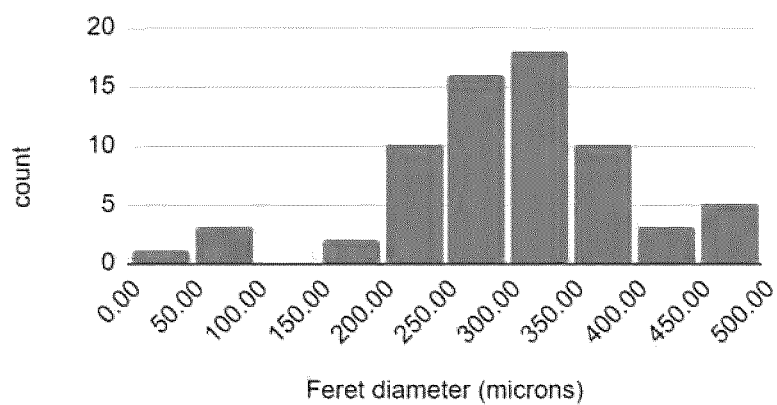


FIGURE 188

RT Bicarbonate (n=50)

**FIGURE 189**

Heated Bicarbonate (n=69)

**FIGURE 190**

NaOH (Control) (n=163)

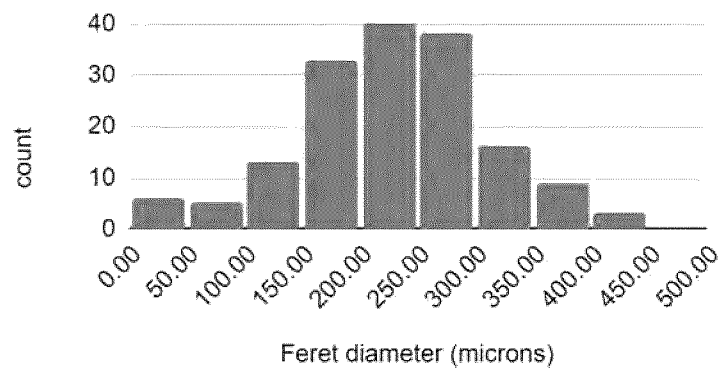


FIGURE 191

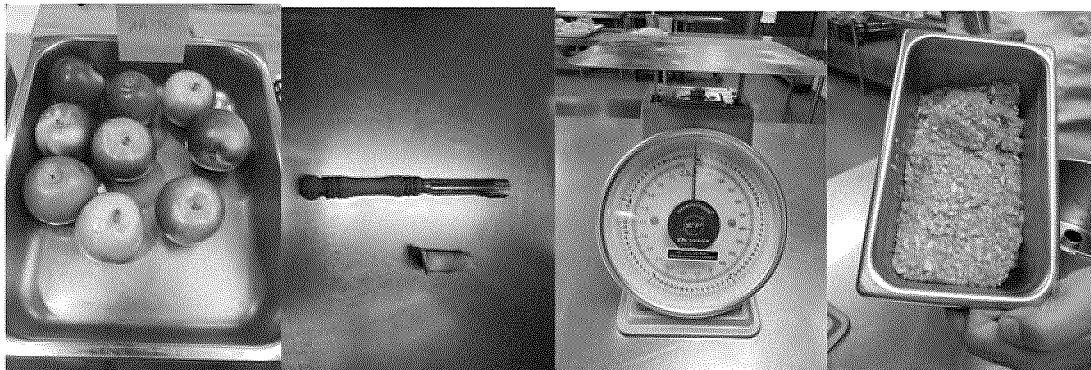


FIGURE 192

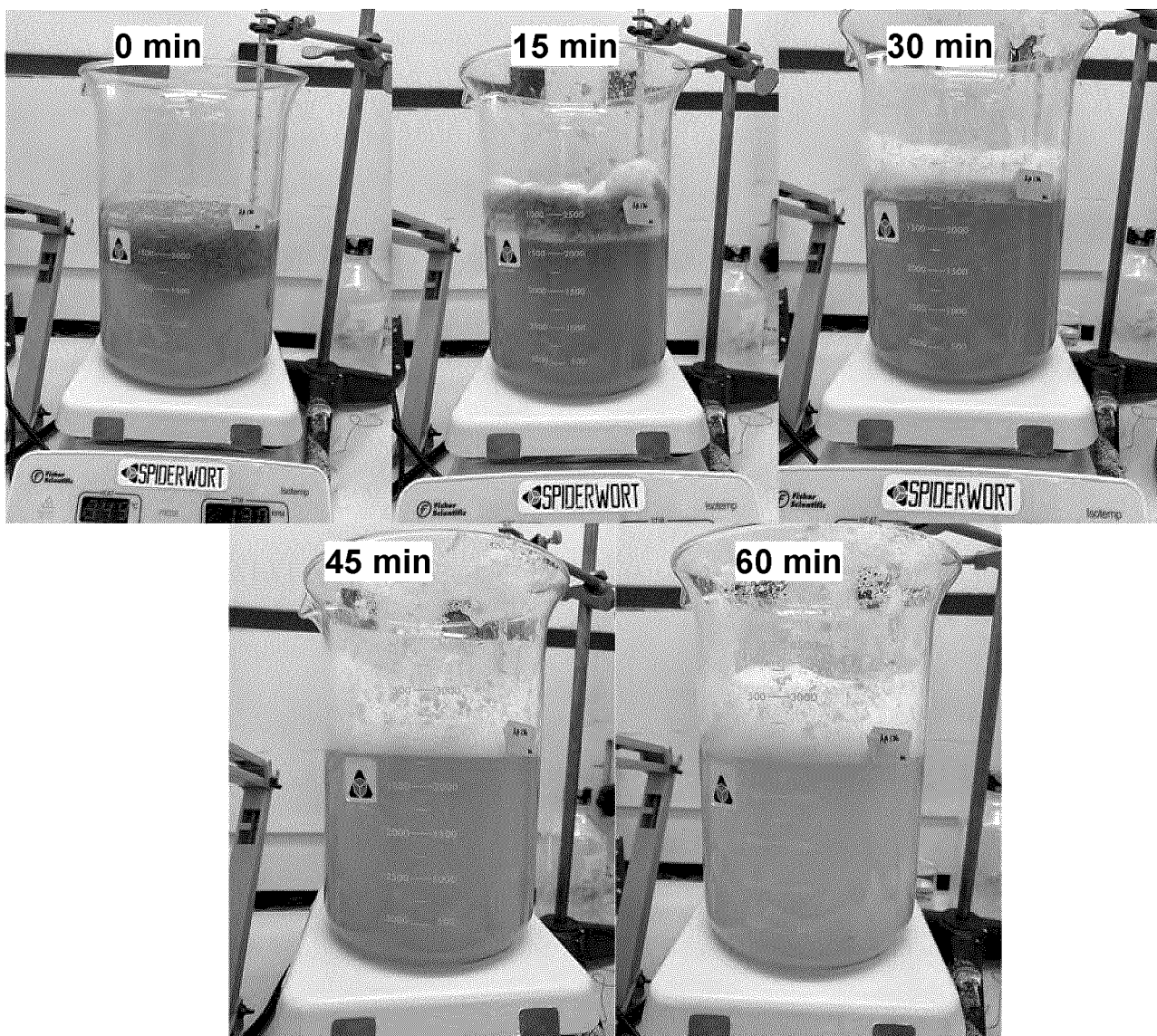
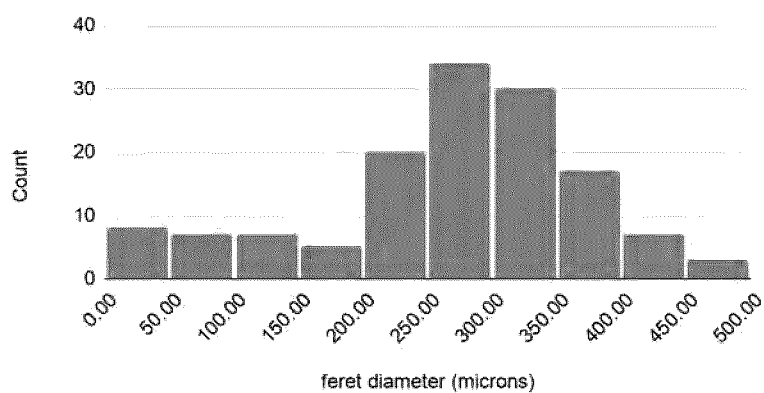
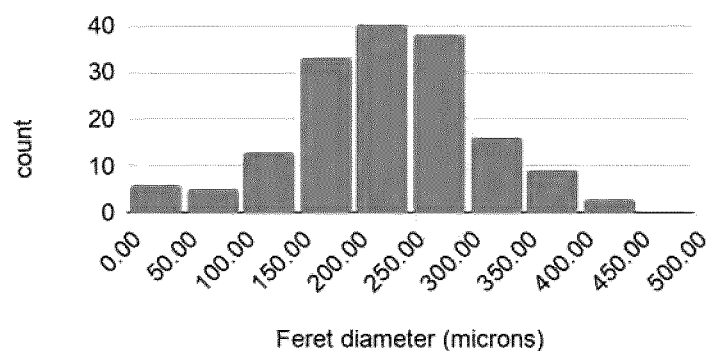


FIGURE 193

Histogram of Bicarb 30% Feret diameter(n=138)

**FIGURE 194**

NaOH (Control) (n=163)

**FIGURE 195**

Histogram of Bicarb 15% Feret diameter (n=279)

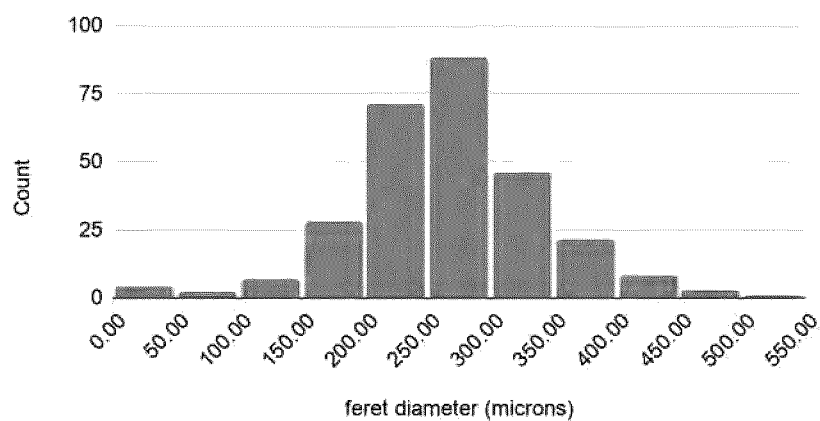


FIGURE 196

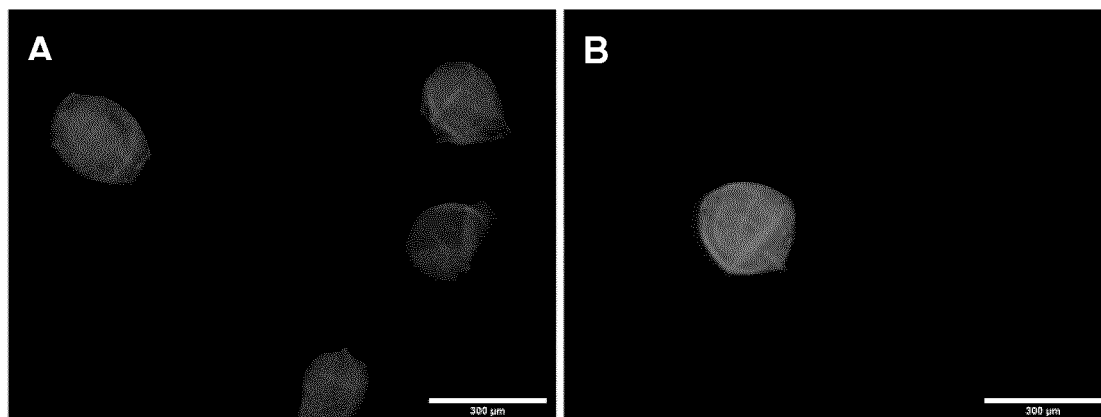


FIGURE 197

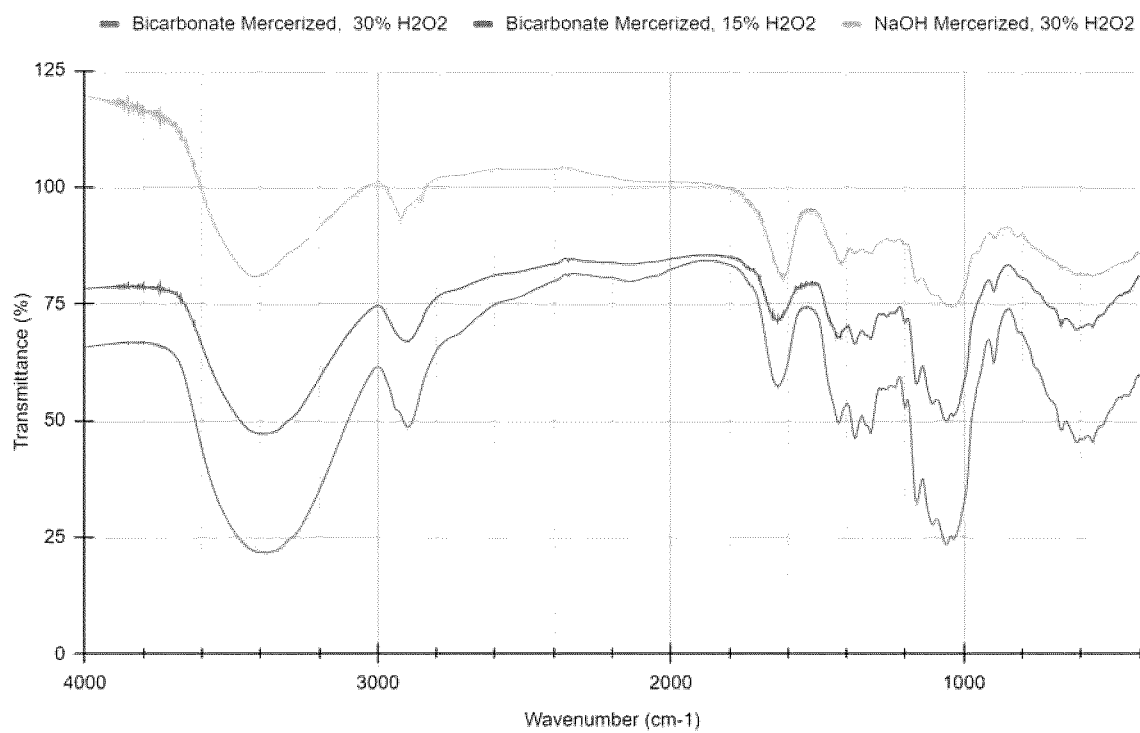


FIGURE 198

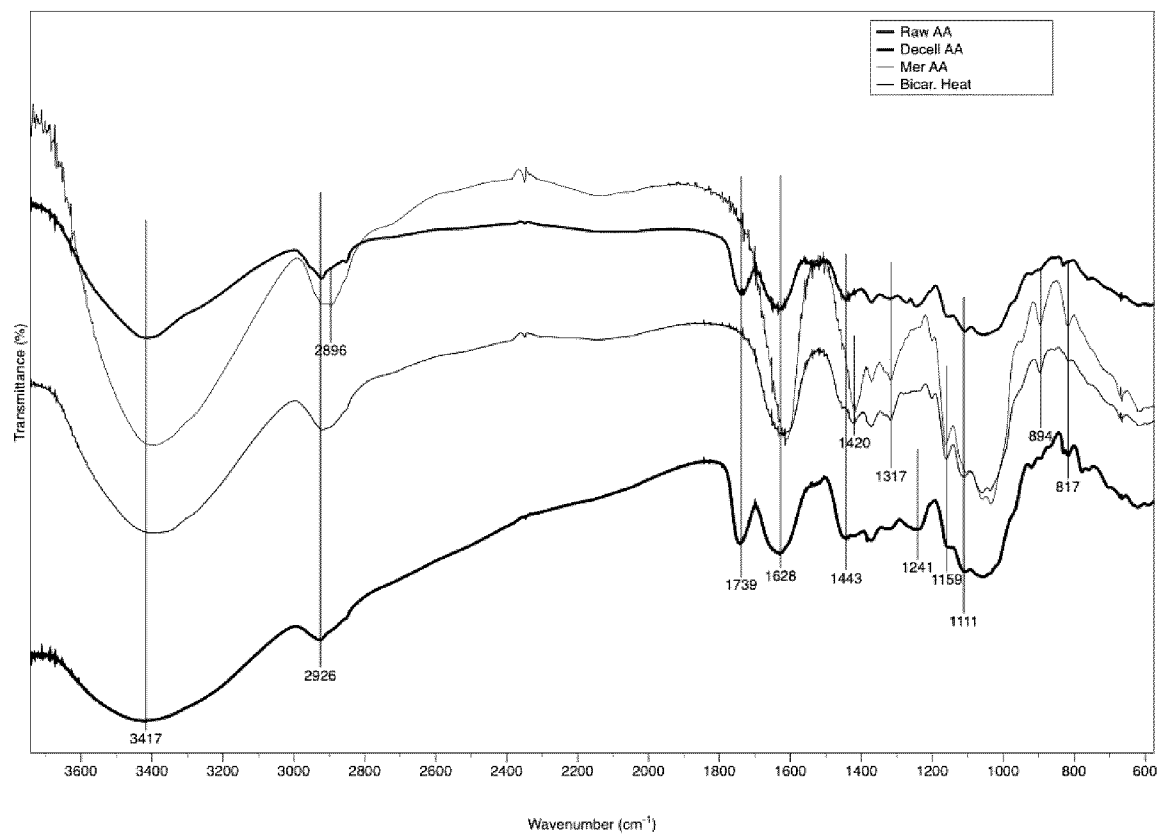


FIGURE 199

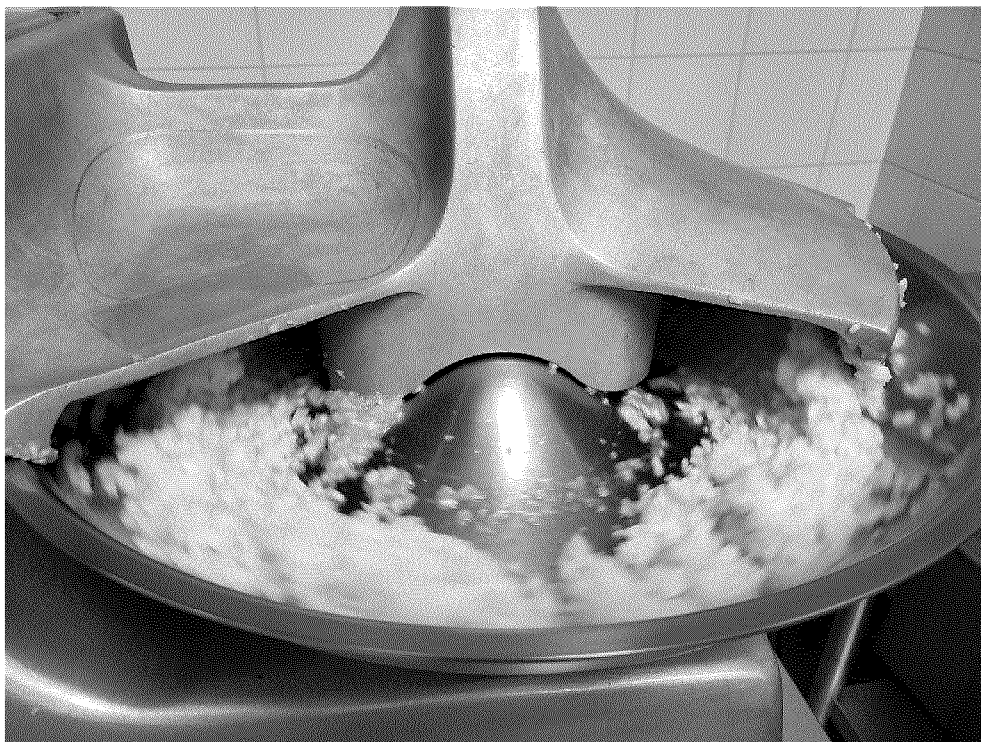


FIGURE 200



FIGURE 201



FIGURE 202

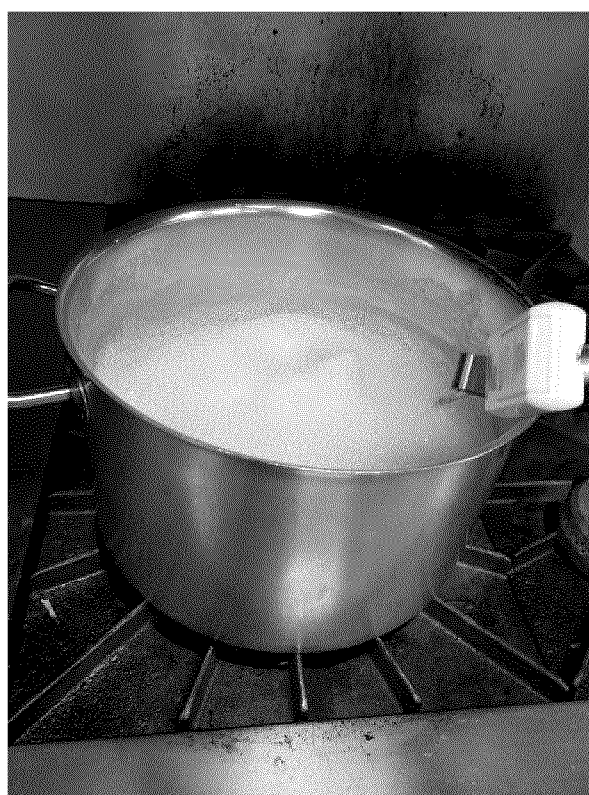


FIGURE 203



FIGURE 204



FIGURE 205



FIGURE 206



FIGURE 207

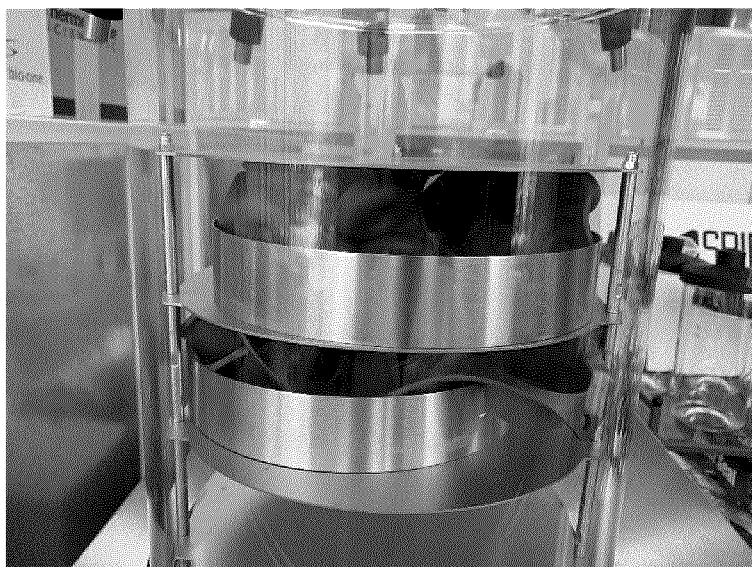


FIGURE 208



FIGURE 209

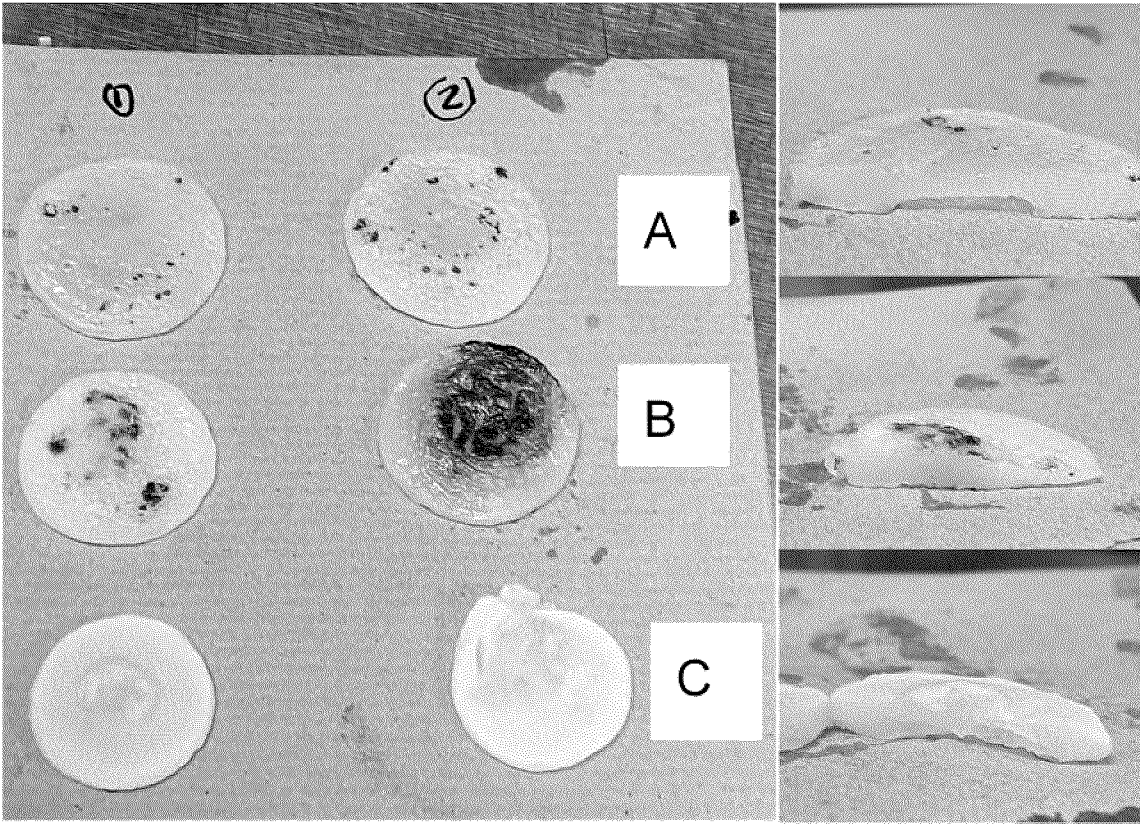


FIGURE 210

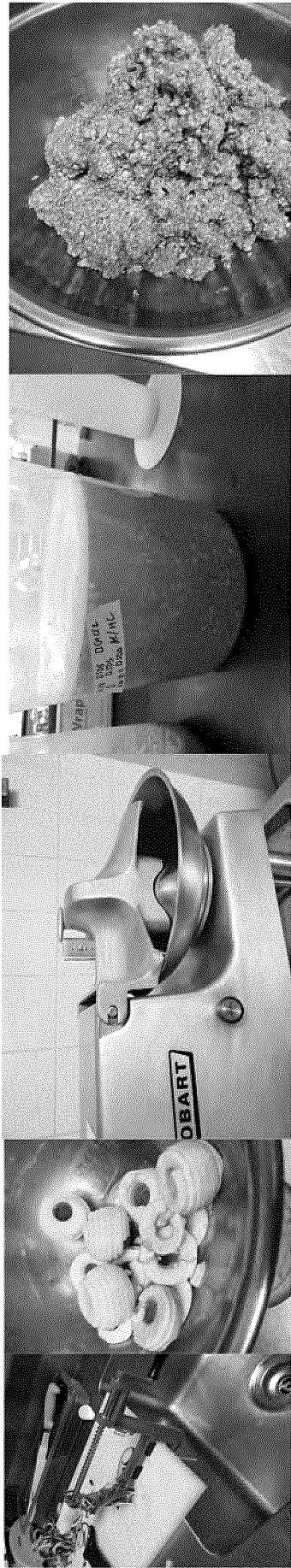


FIGURE 211



FIGURE 212

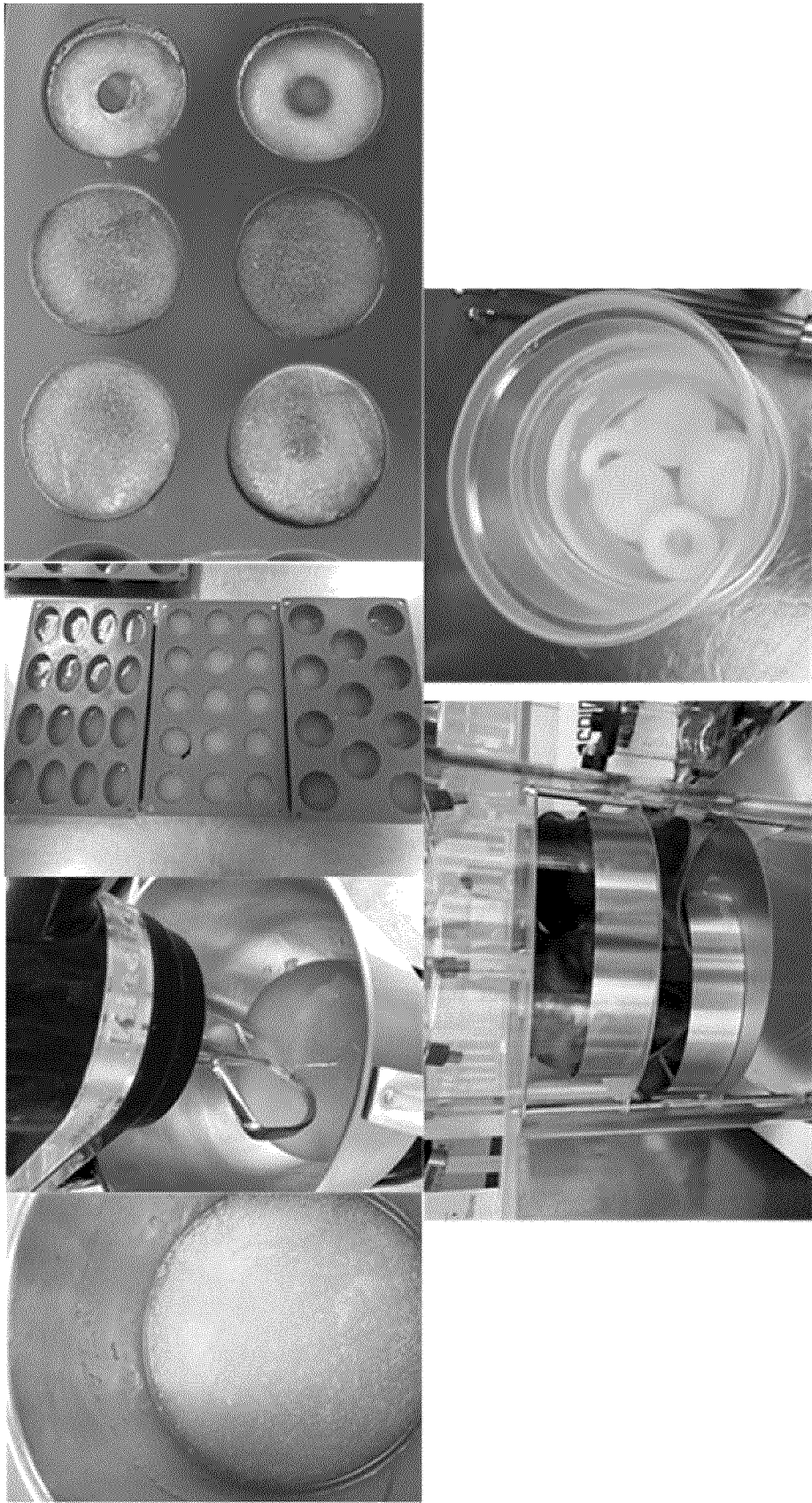


FIGURE 213

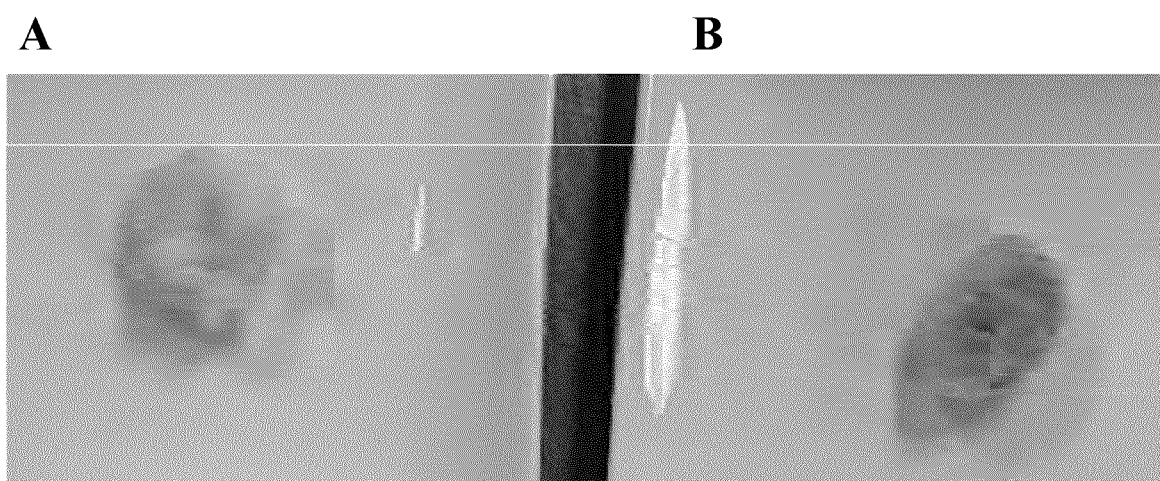


FIGURE 214

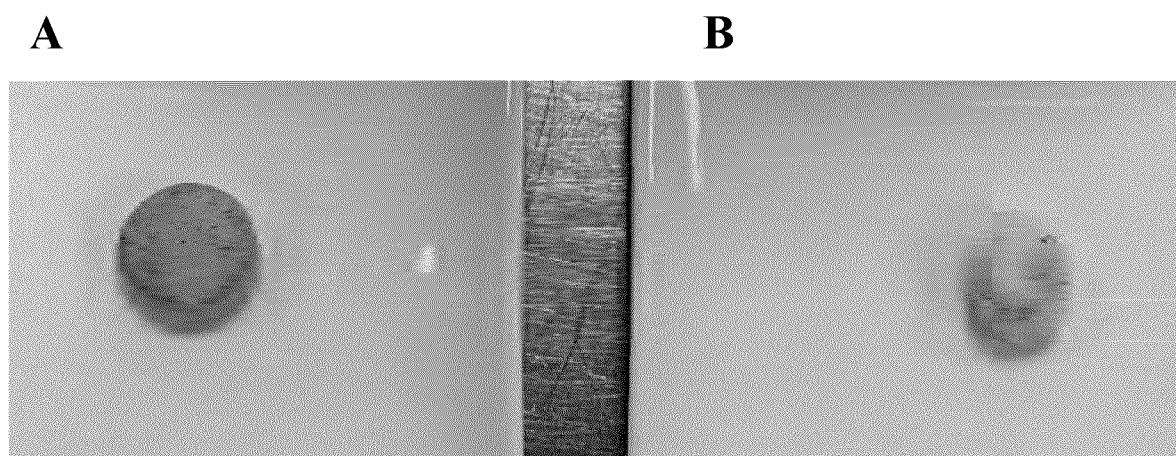


FIGURE 215

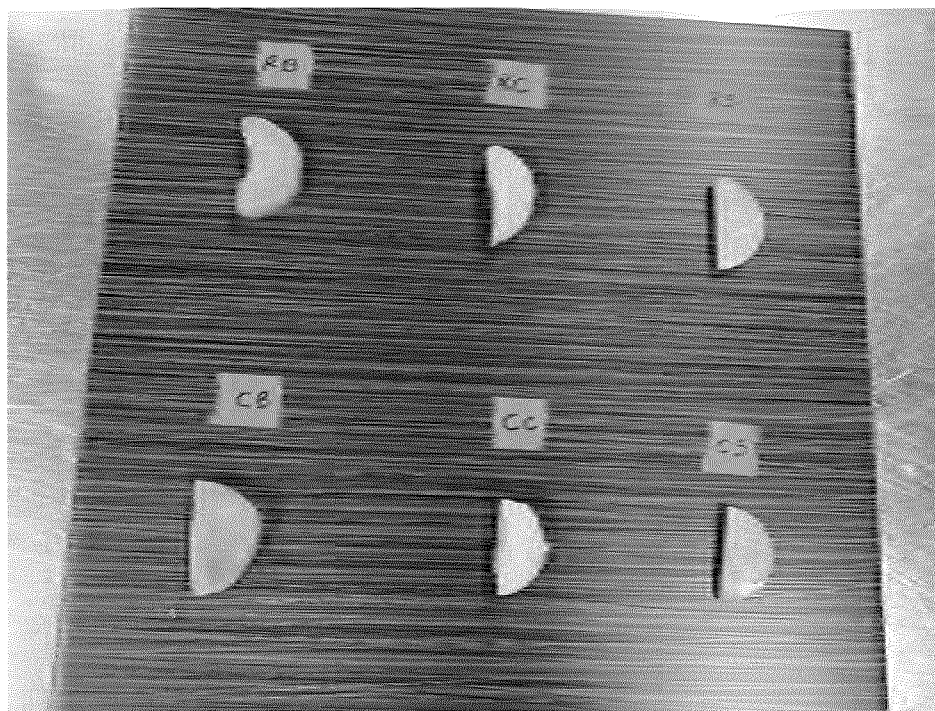


FIGURE 216



FIGURE 217



FIGURE 218



FIGURE 219



FIGURE 220



Figure 221



Figure 222

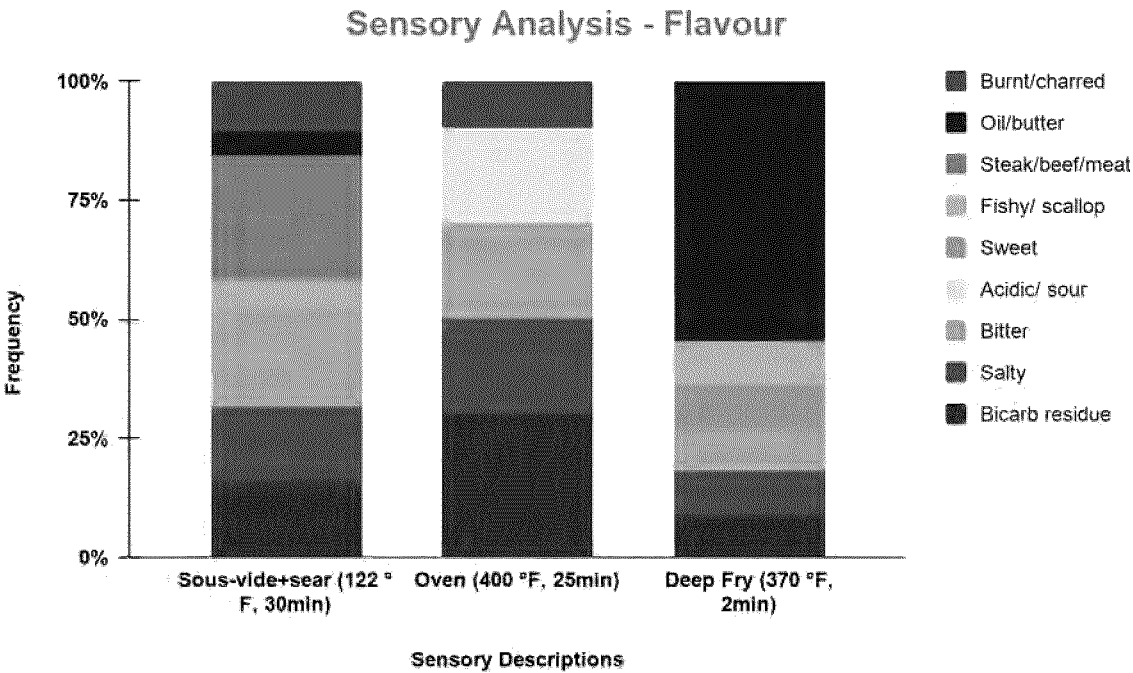


FIGURE 223

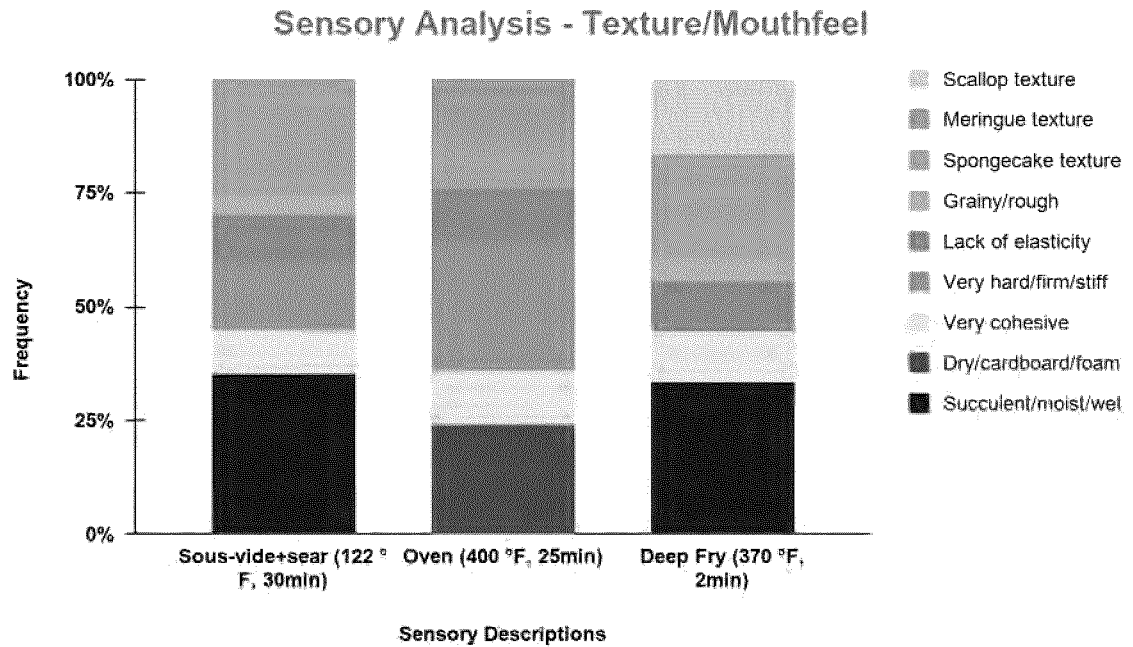


FIGURE 224

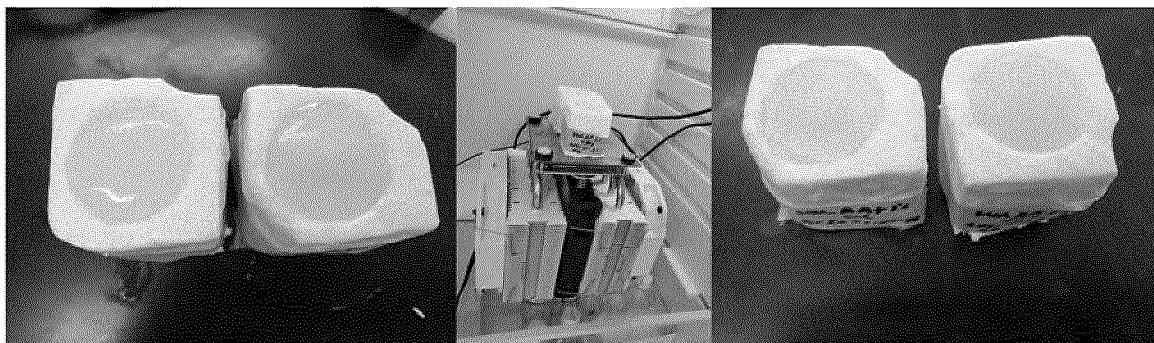


FIGURE 225

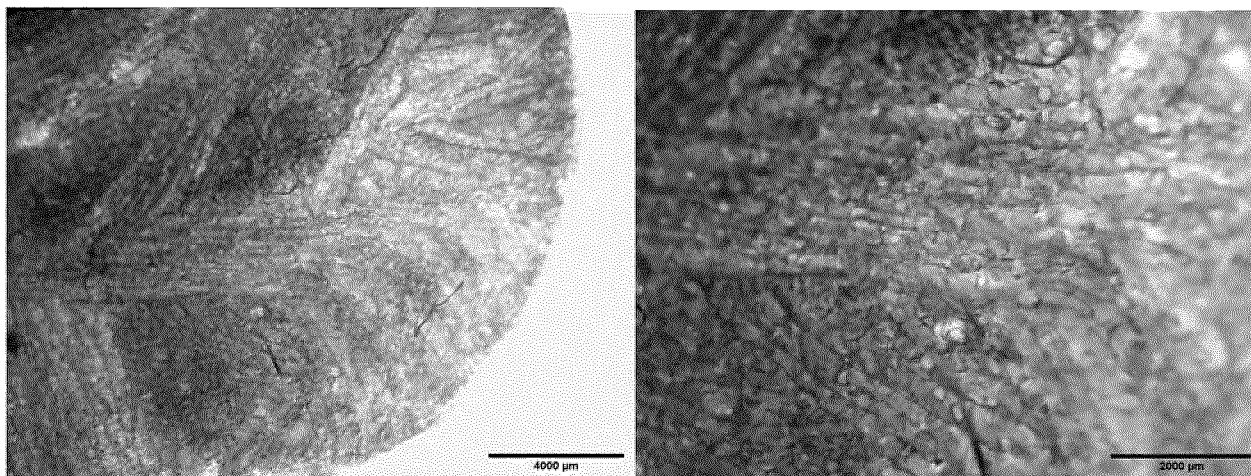


FIGURE 226

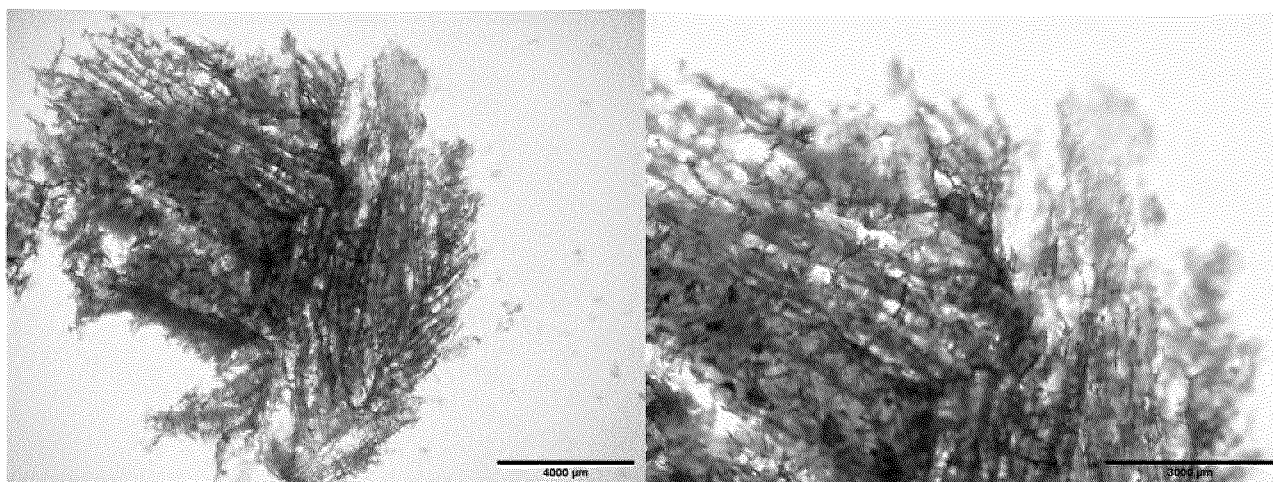


FIGURE 227

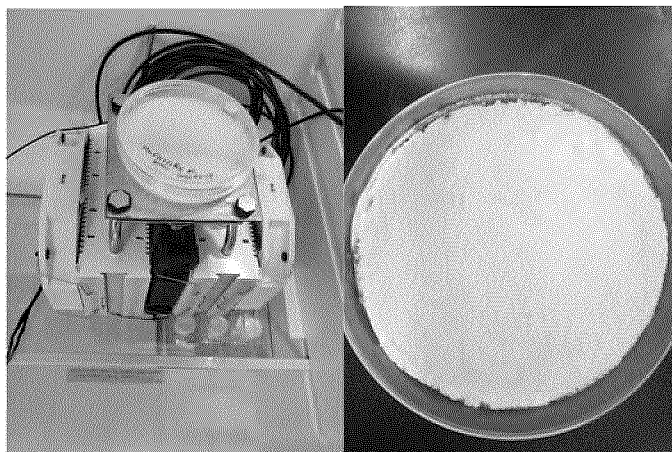


FIGURE 228

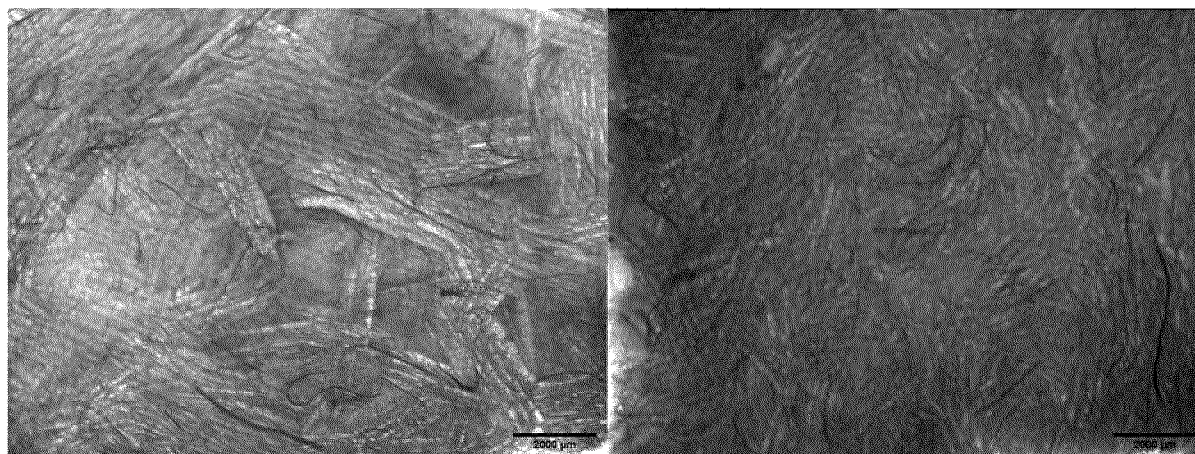


FIGURE 229

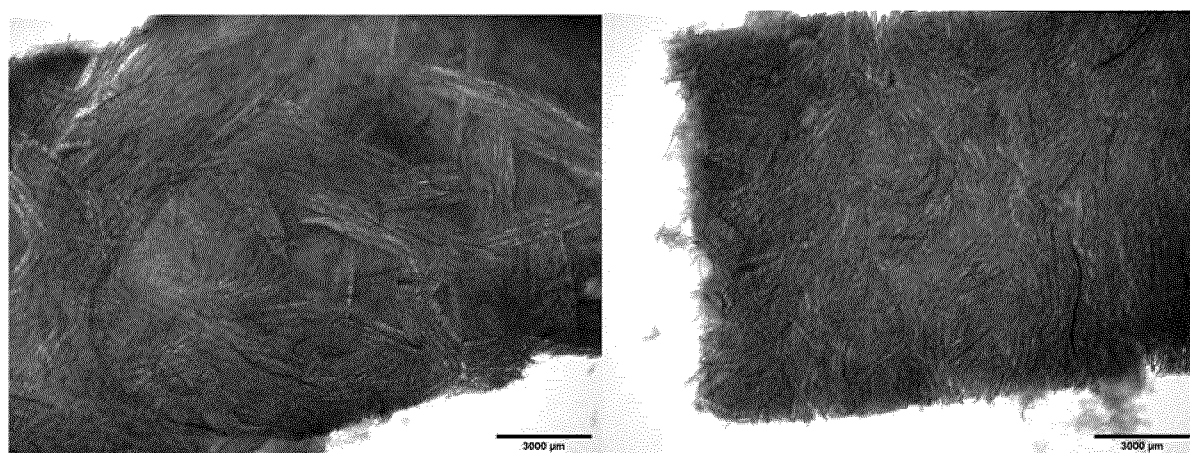


FIGURE 230

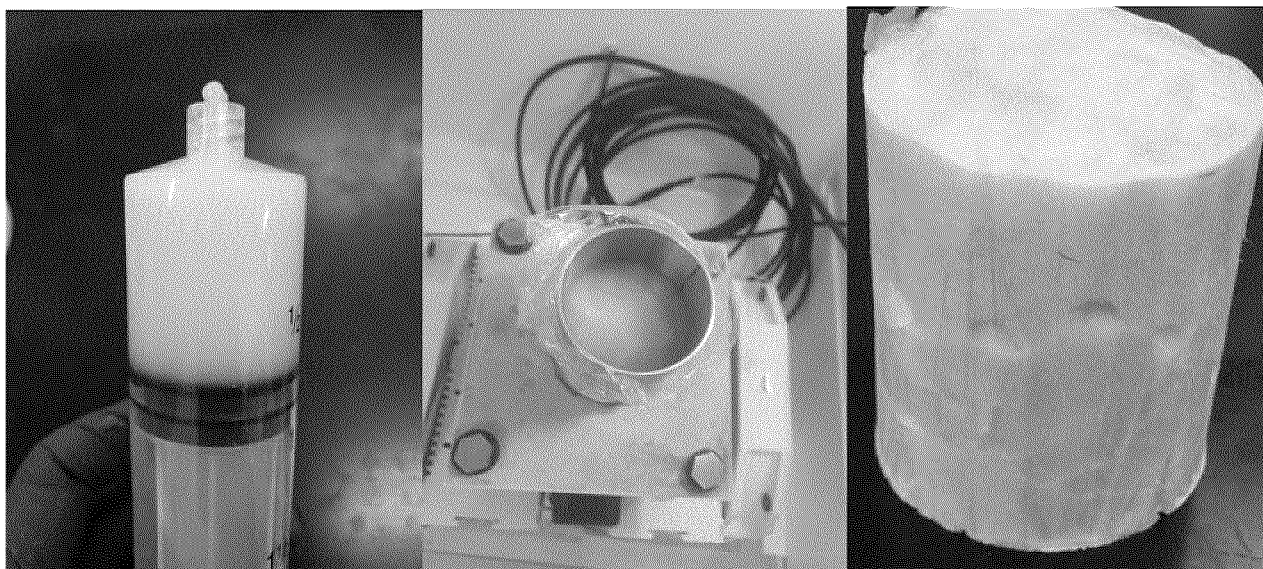


FIGURE 231

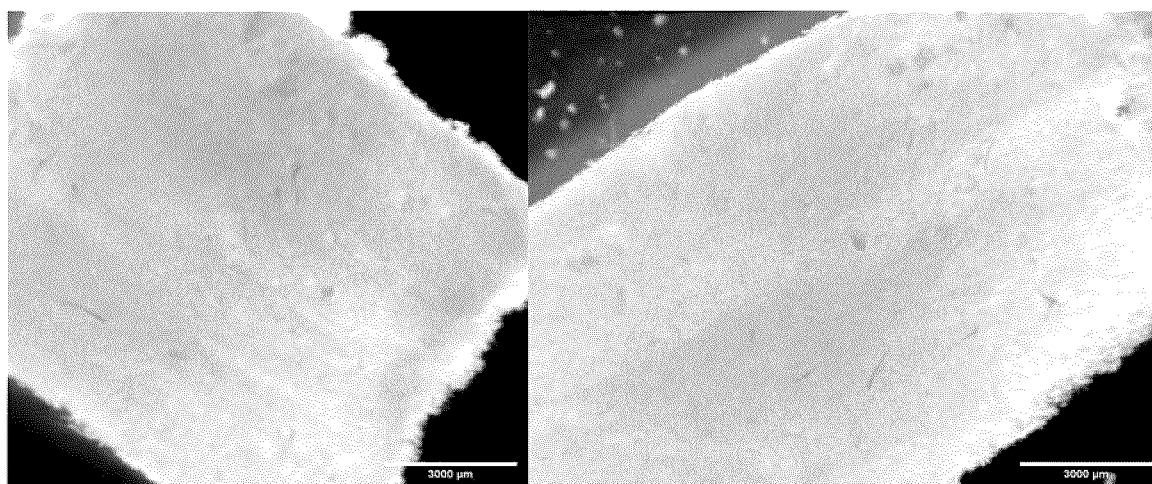


FIGURE 232

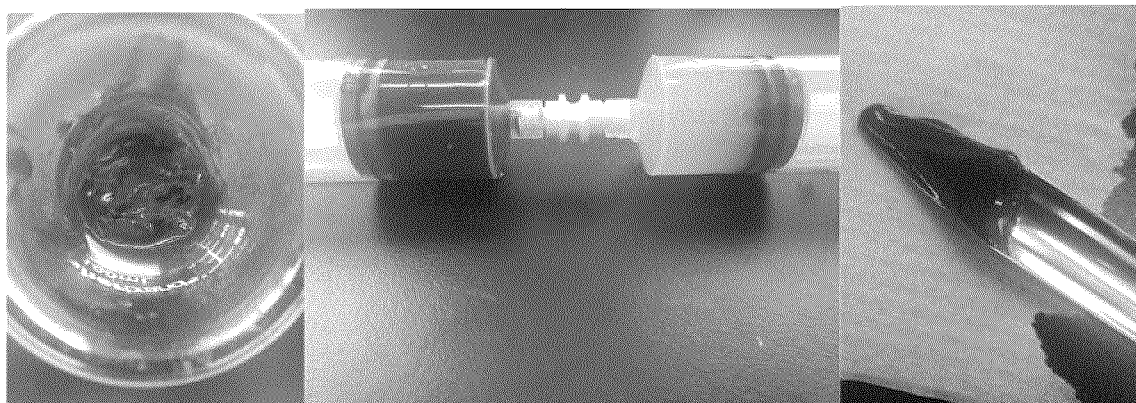


FIGURE 233

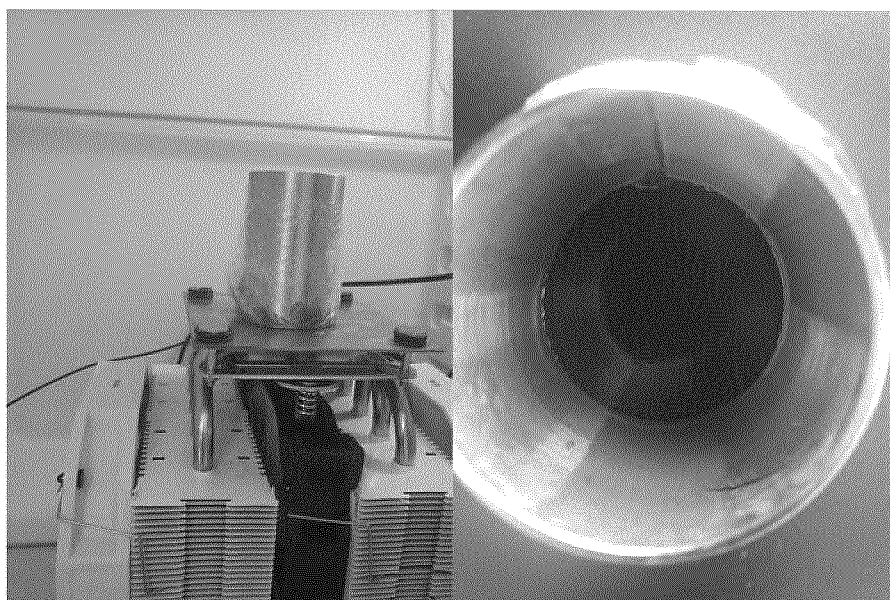


FIGURE 234

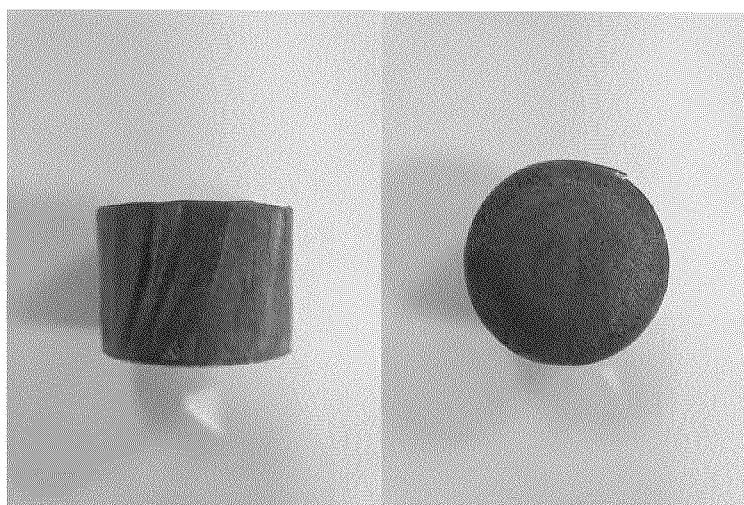


FIGURE 235

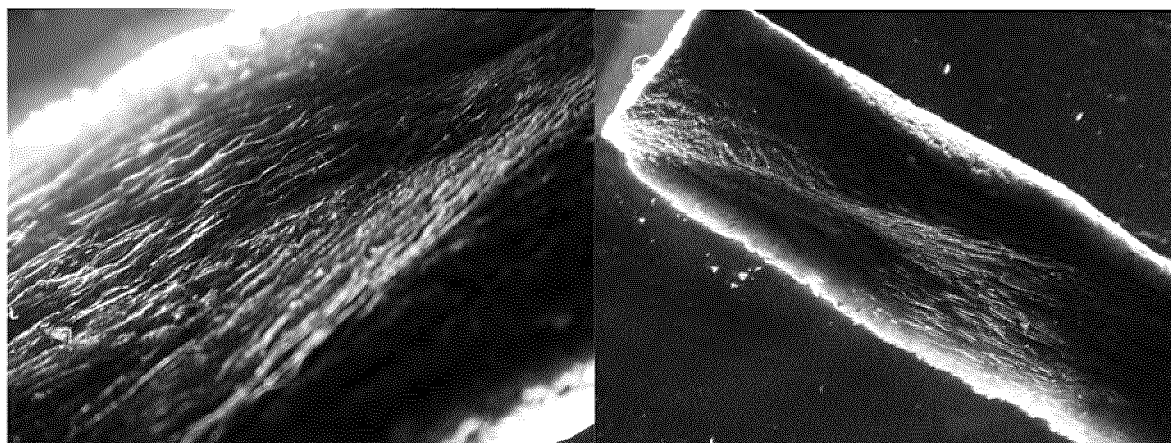


FIGURE 236

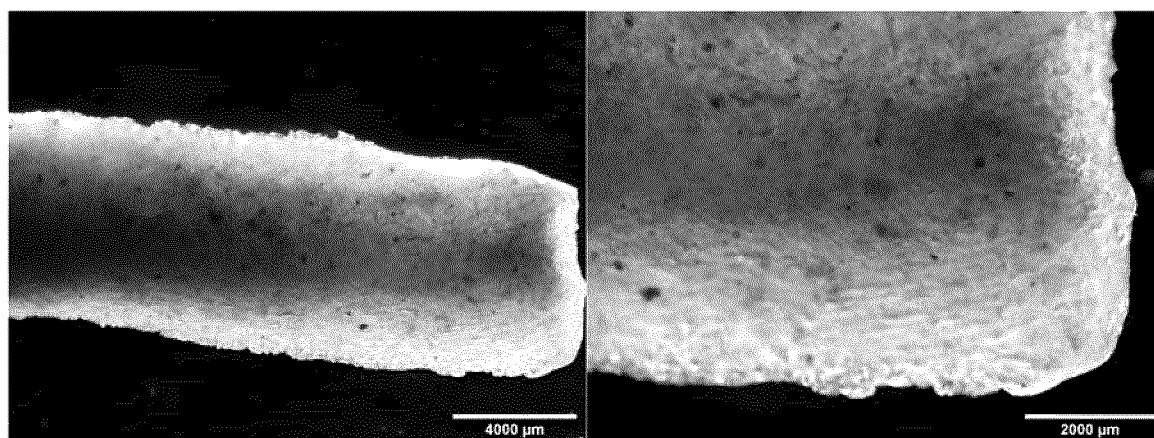


FIGURE 237

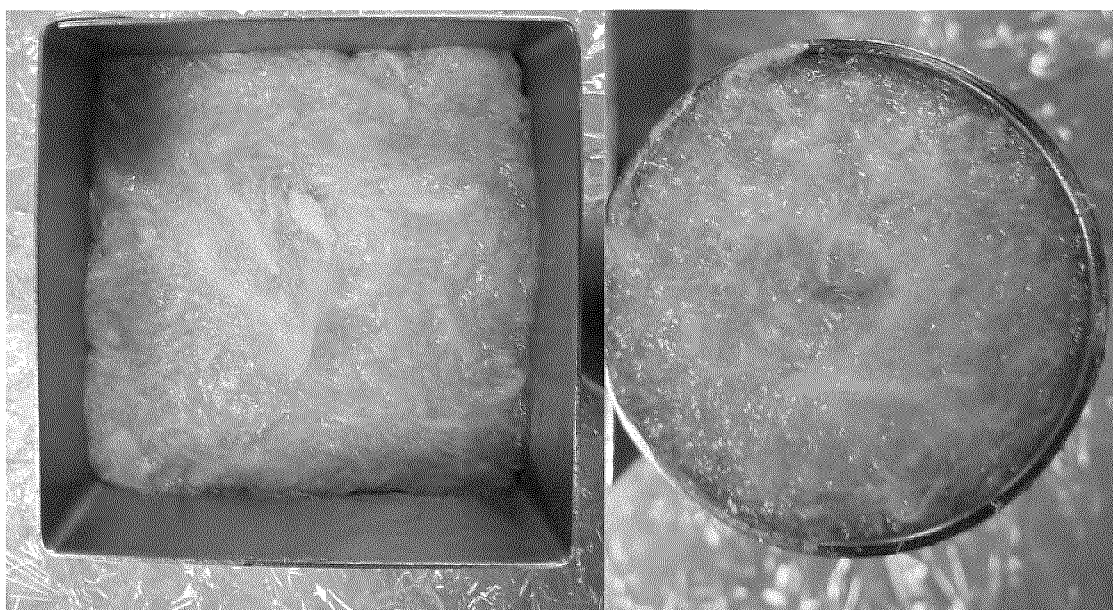


FIGURE 238

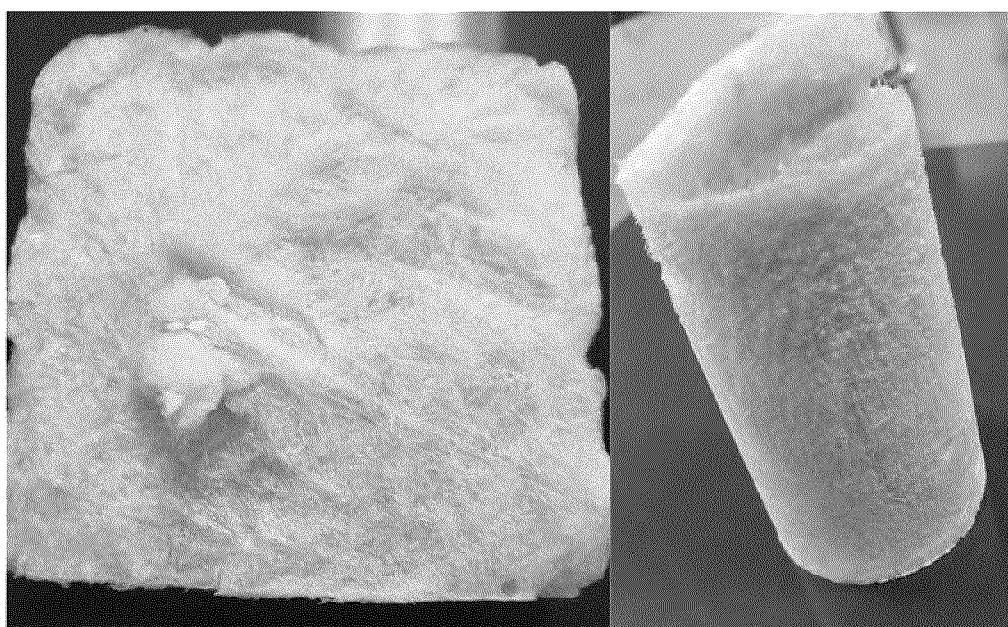


FIGURE 239

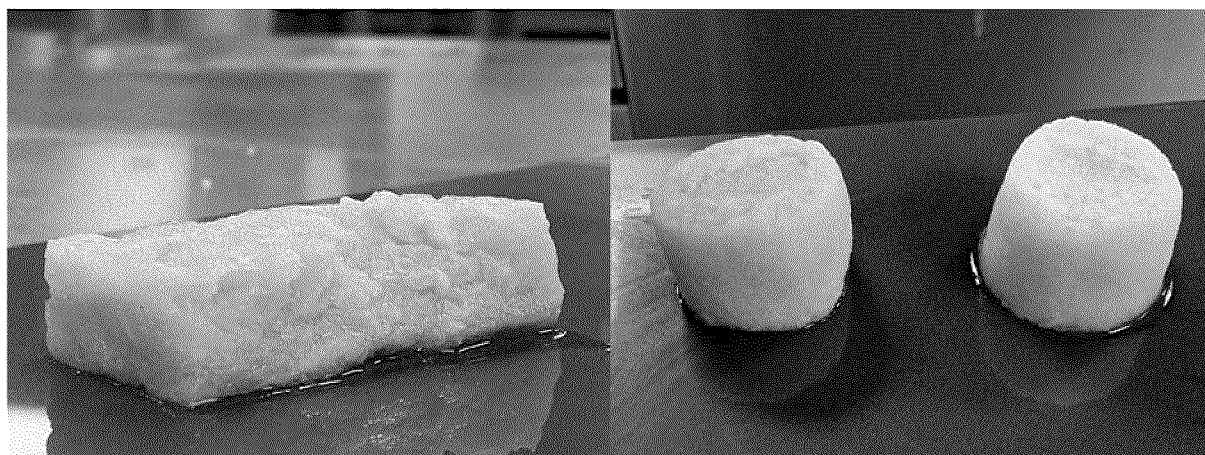


FIGURE 240

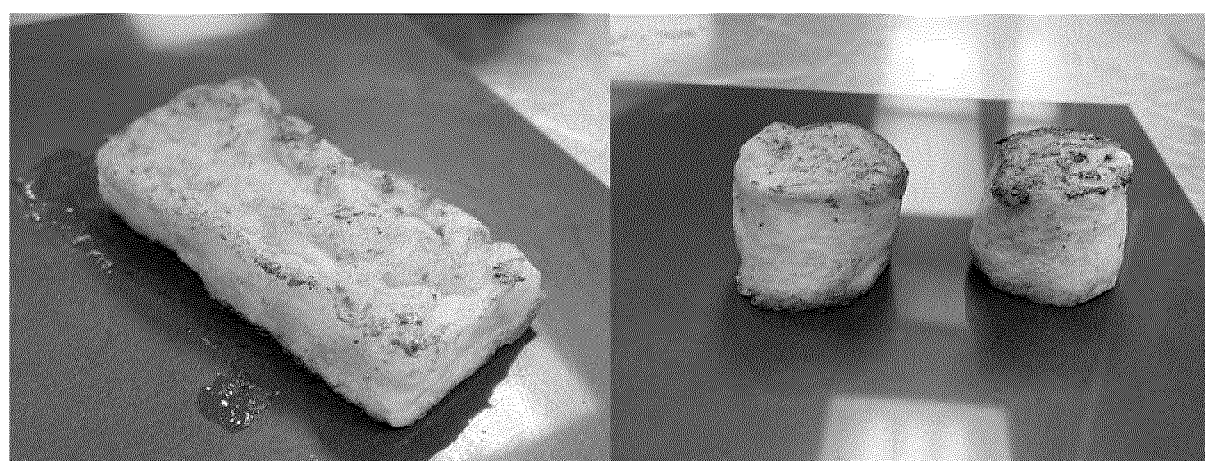


FIGURE 241

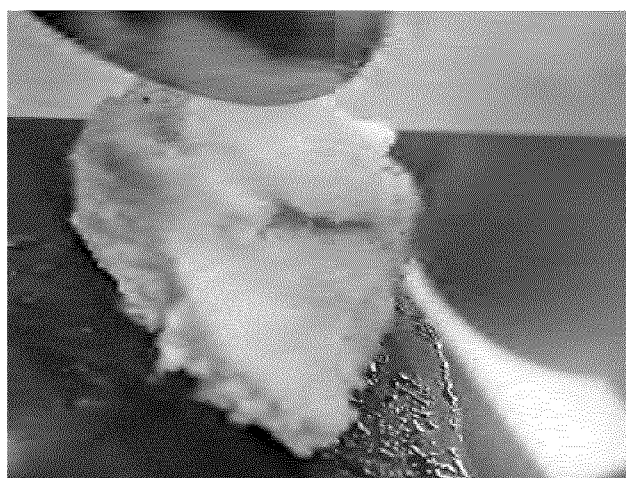


FIGURE 242

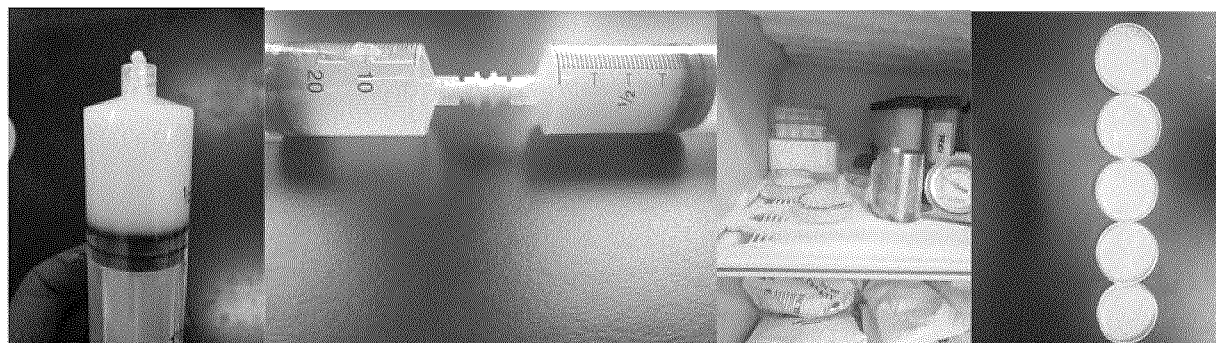


FIGURE 243

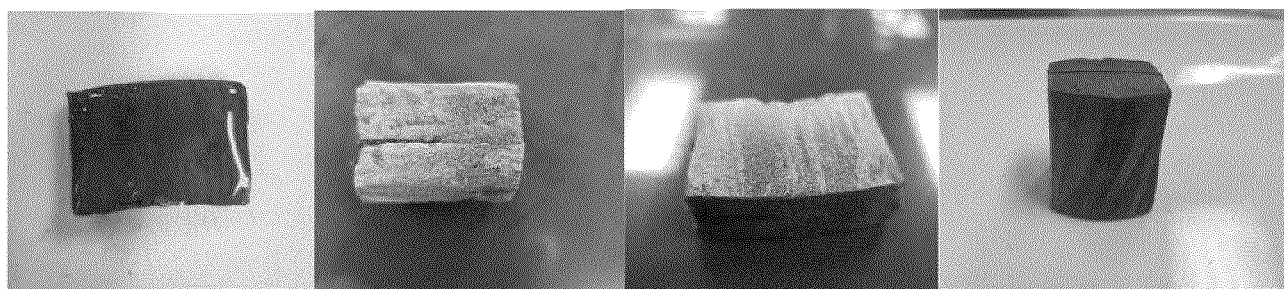


FIGURE 244

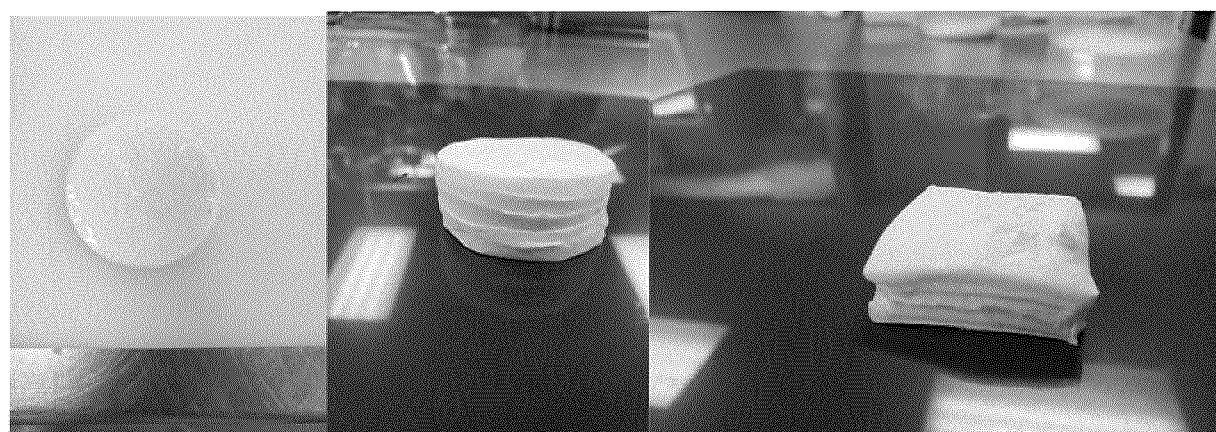


FIGURE 245



FIGURE 246

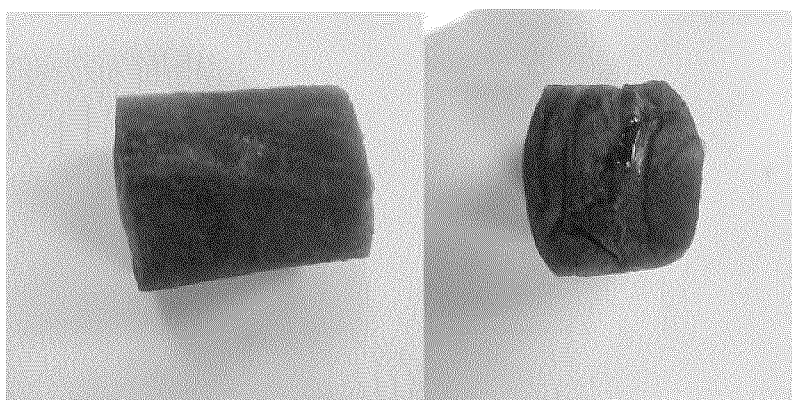


FIGURE 247

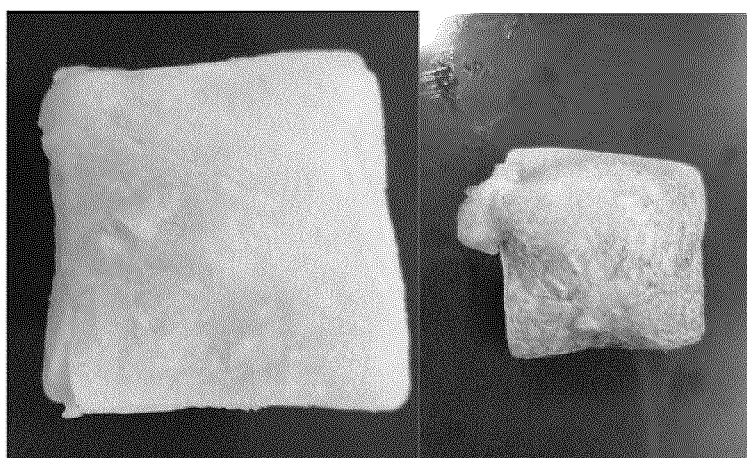


FIGURE 248

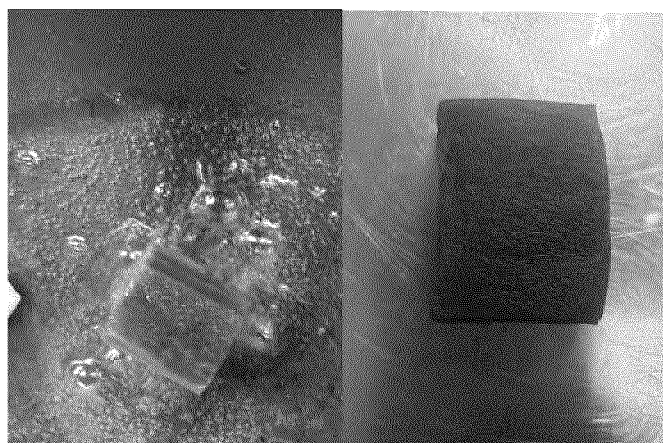


FIGURE 249

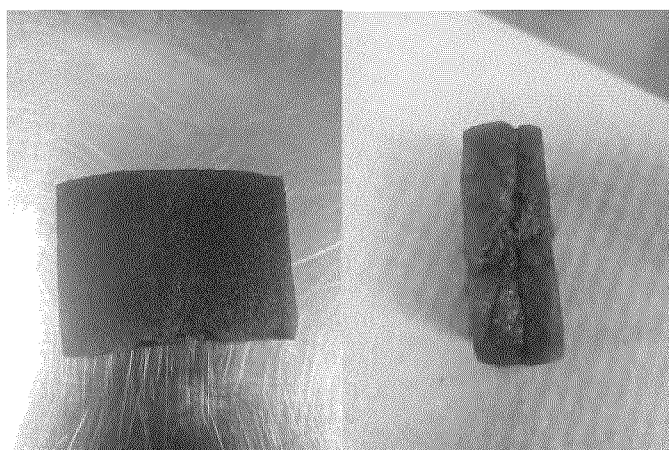


FIGURE 250

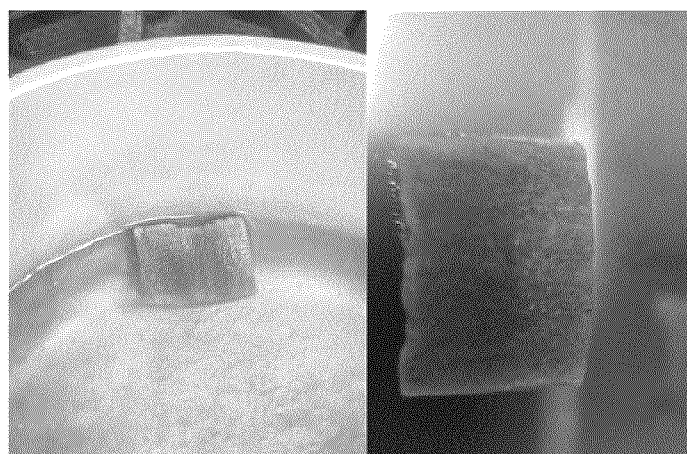


FIGURE 251



FIGURE 252

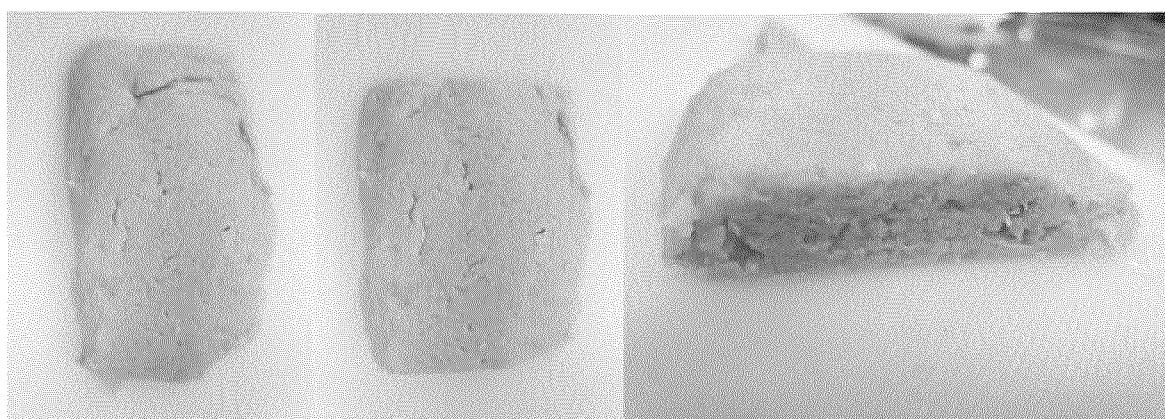


FIGURE 253



FIGURE 254



FIGURE 255



FIGURE 256

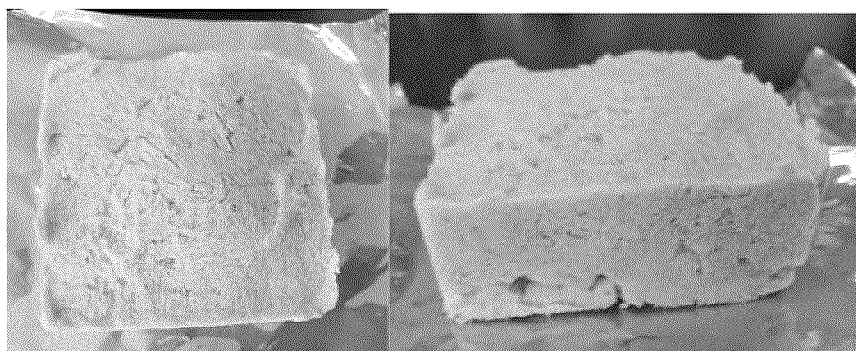


FIGURE 257



FIGURE 258



FIGURE 259

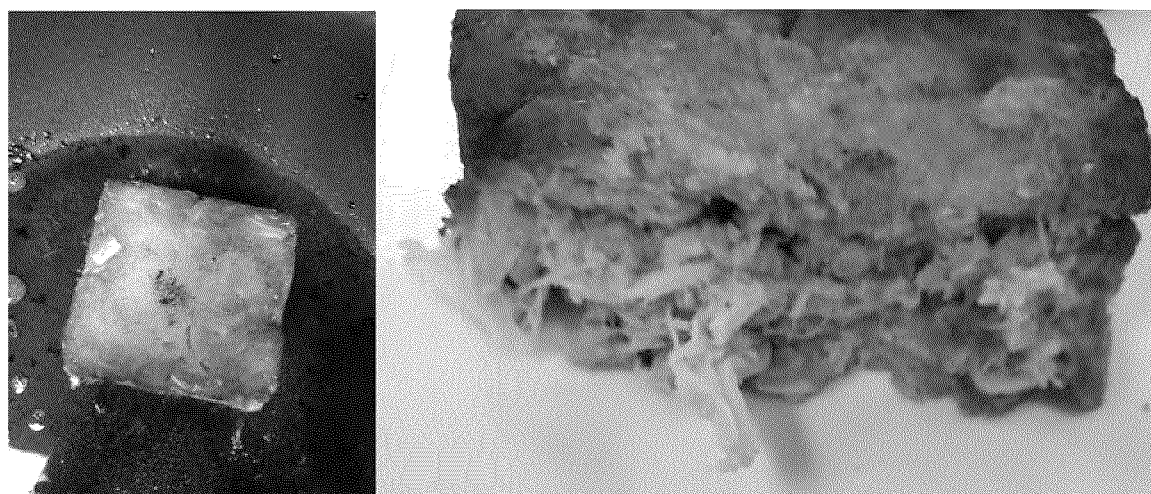


FIGURE 260

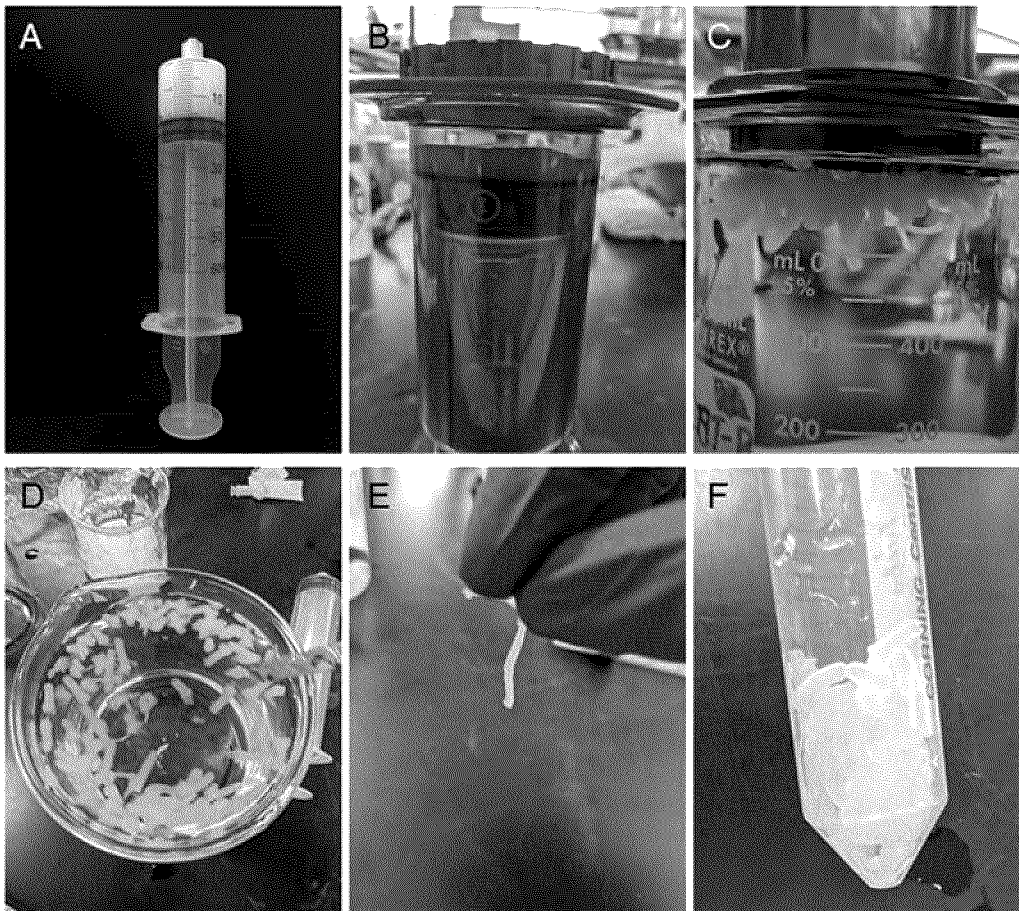


FIGURE 261

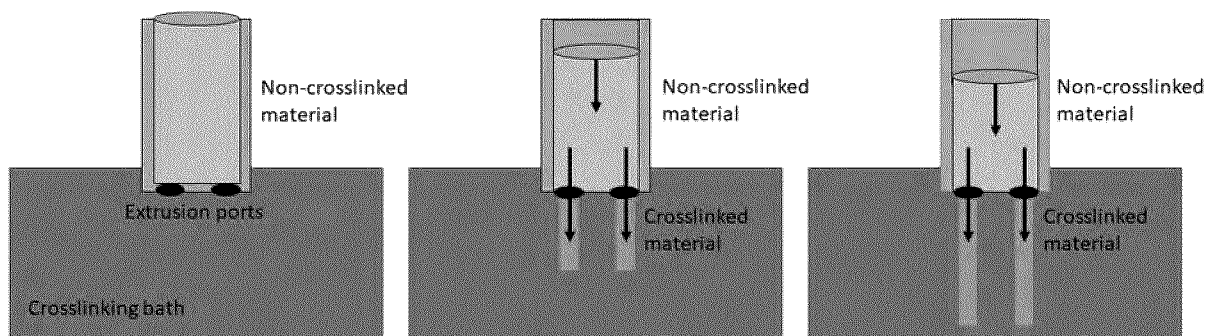


FIGURE 262

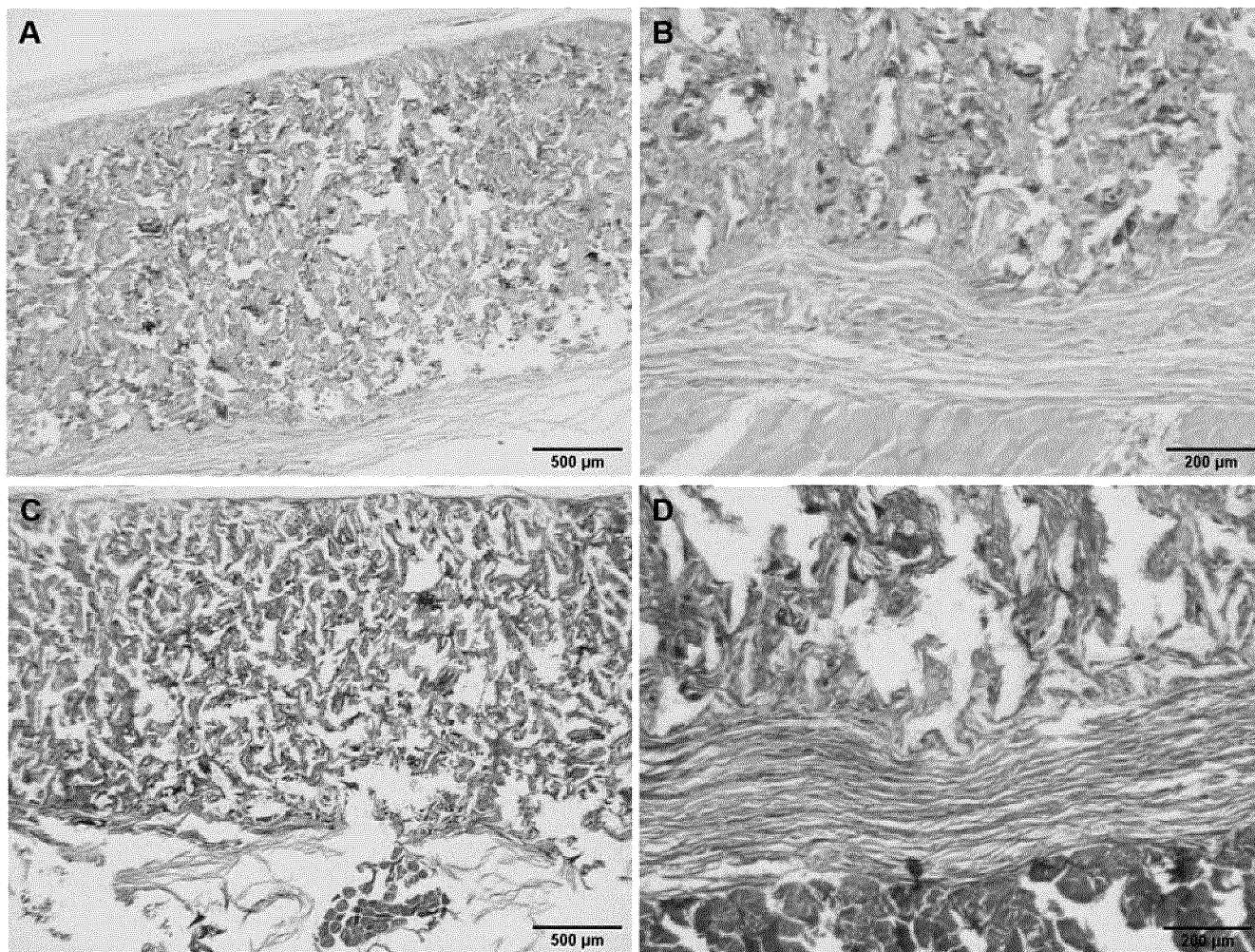


FIGURE 263

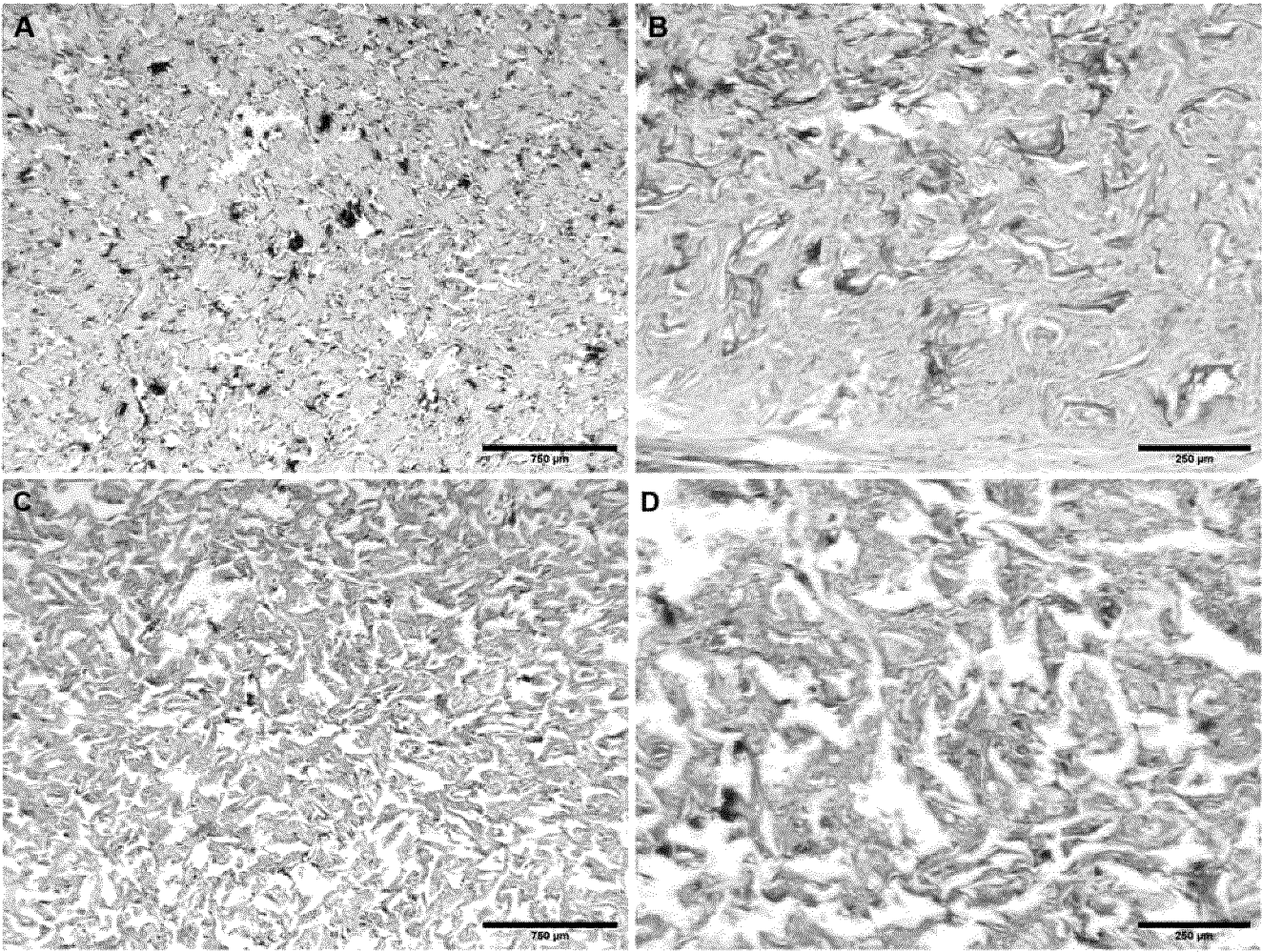


FIGURE 264

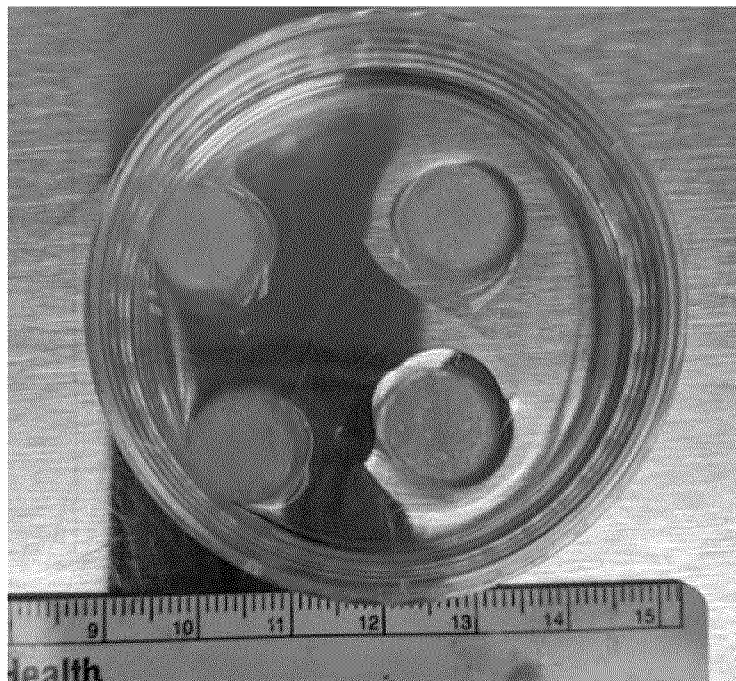


FIGURE 265



FIGURE 266

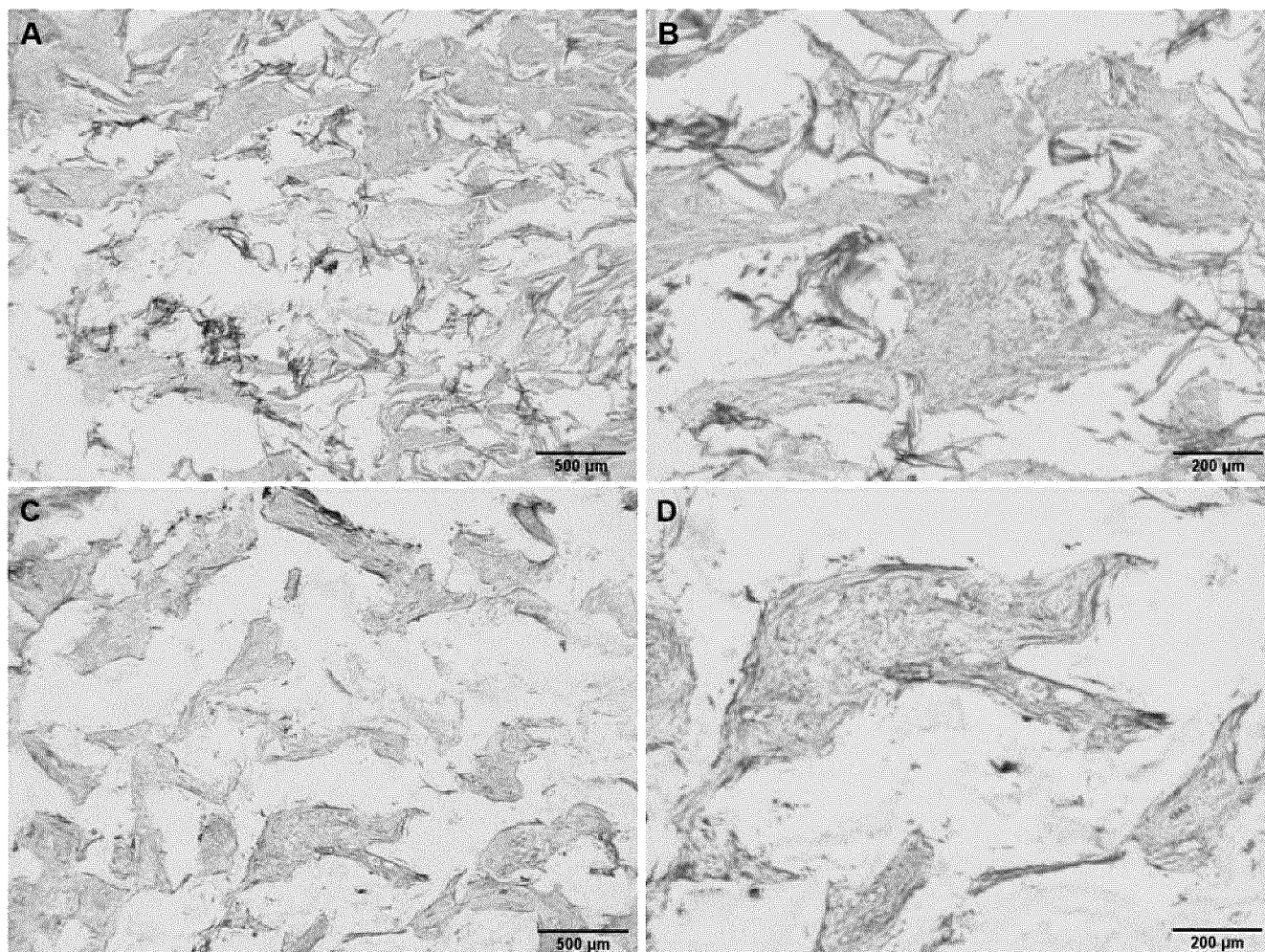


FIGURE 267

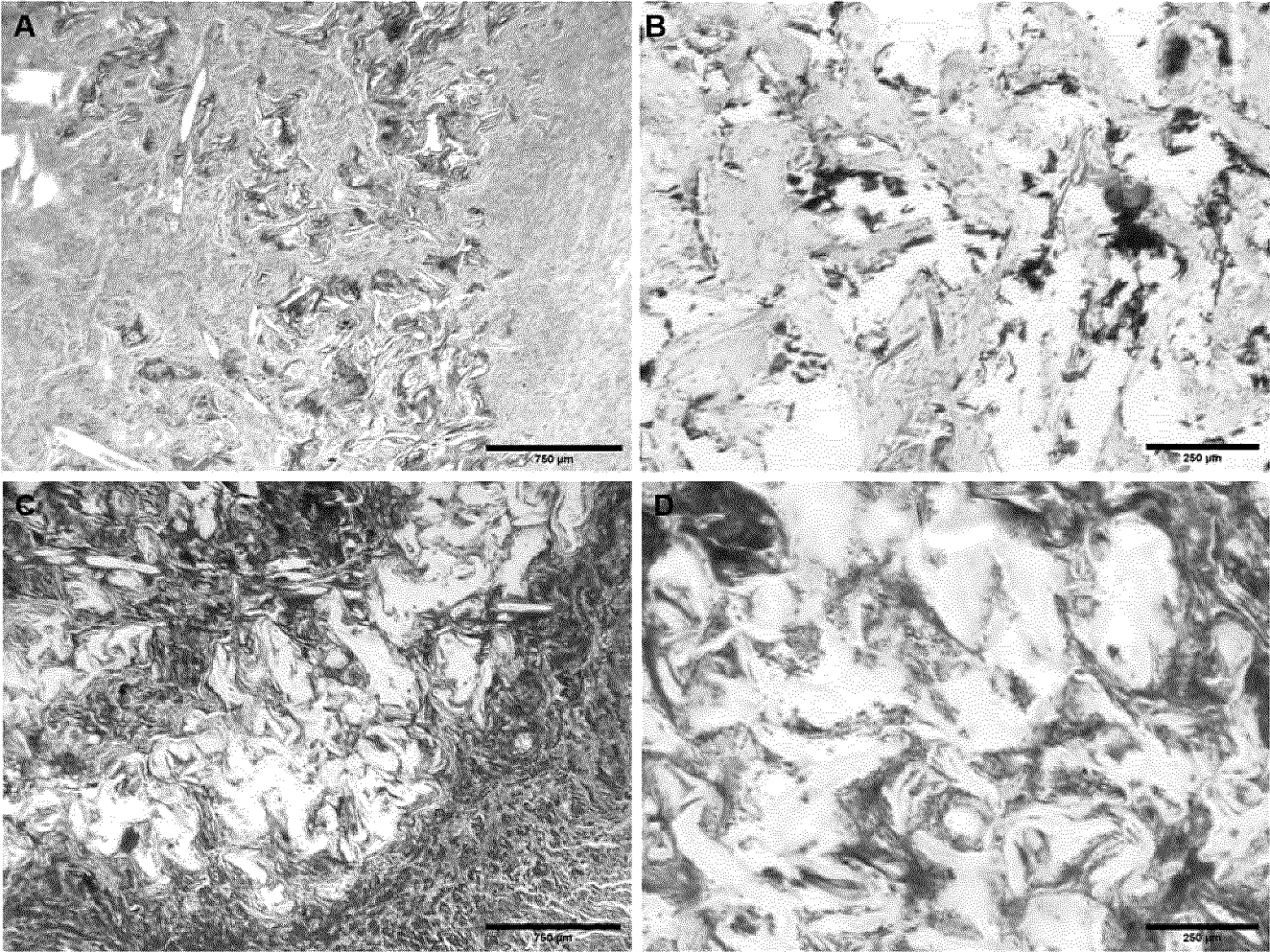


FIGURE 268

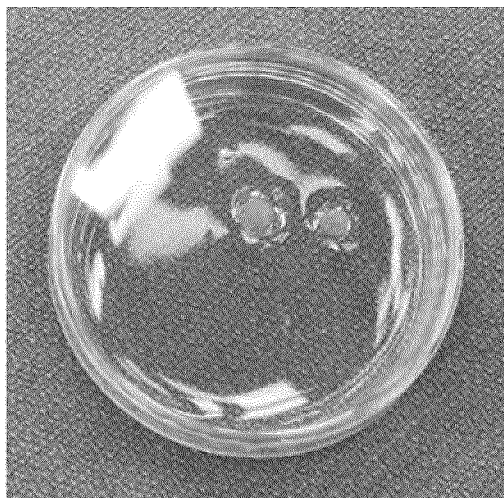


FIGURE 269

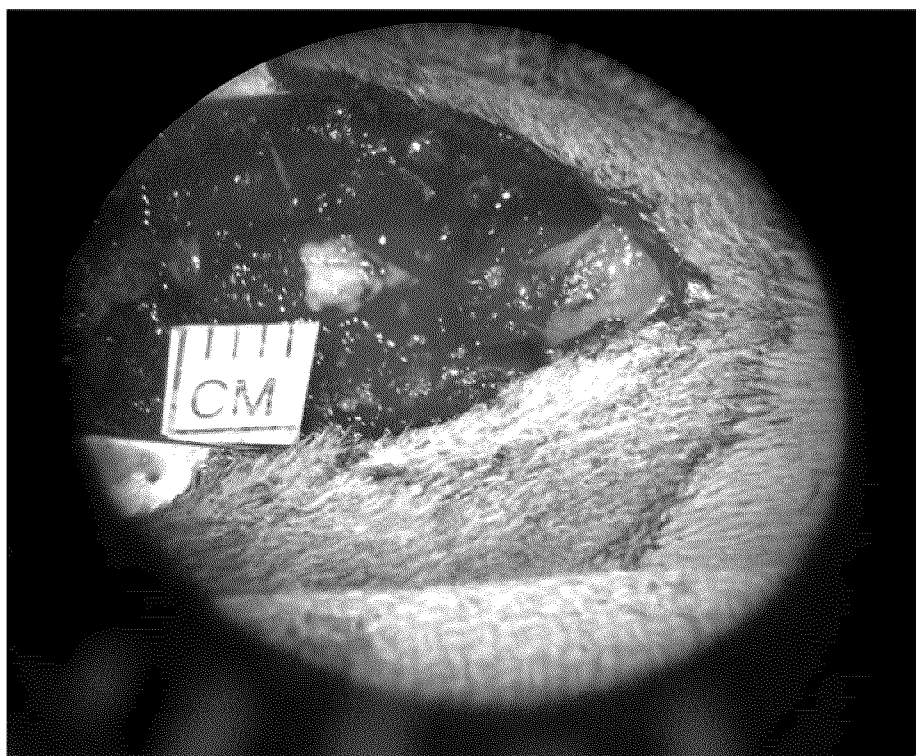


FIGURE 270

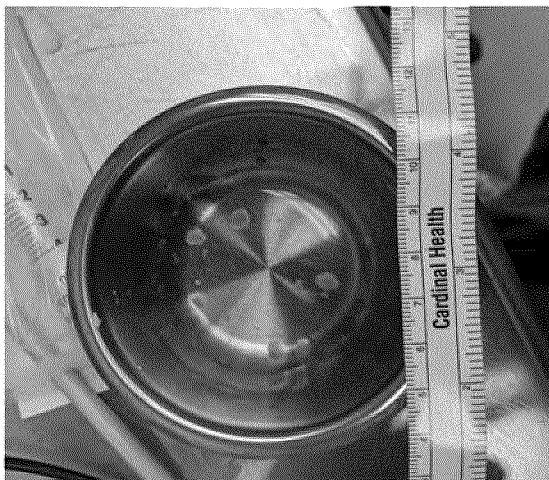


FIGURE 271

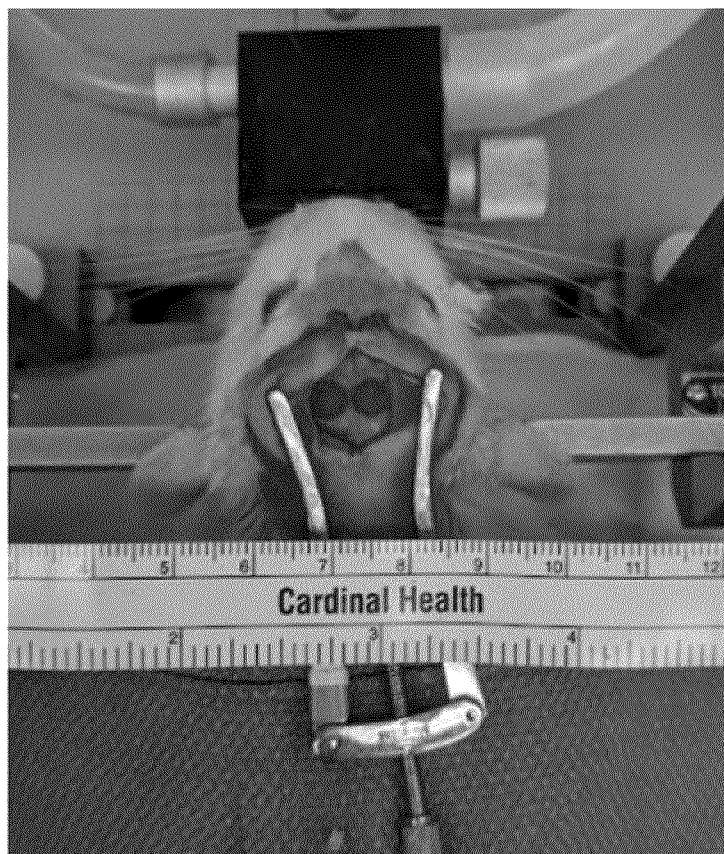


FIGURE 272

