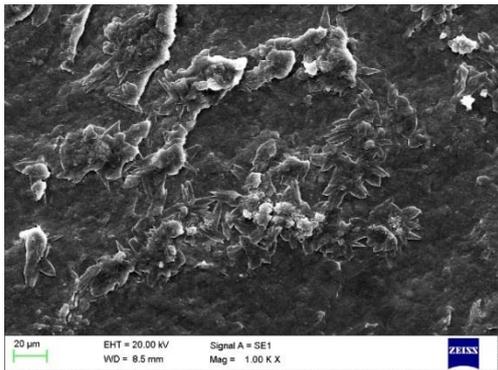
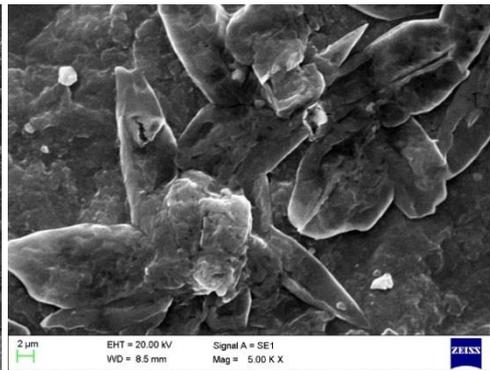


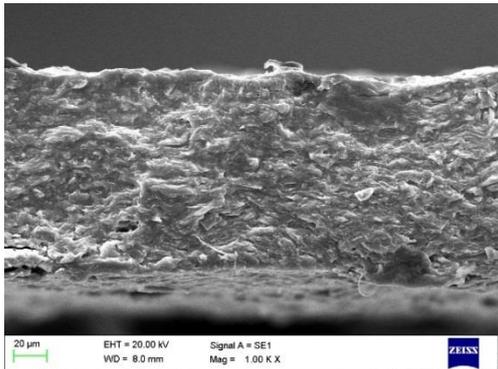
Supplementary material 1



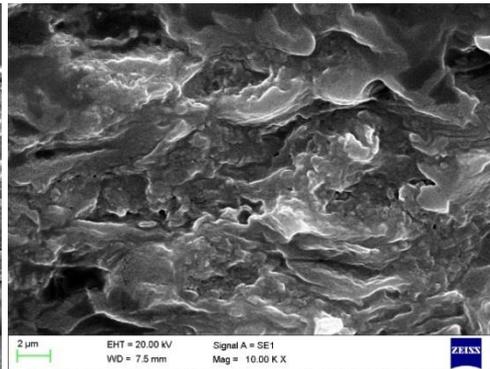
(a)



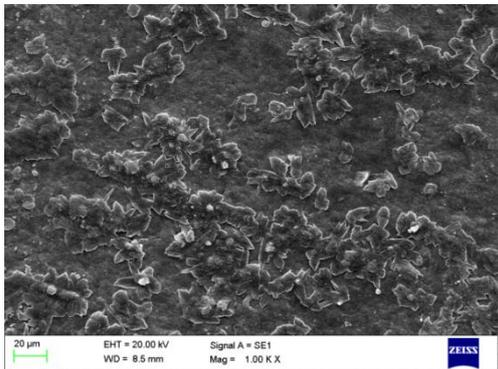
(b)



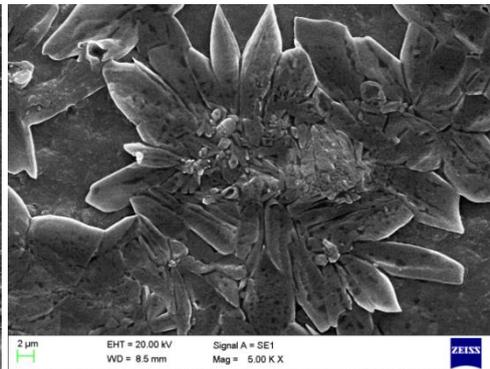
(c)



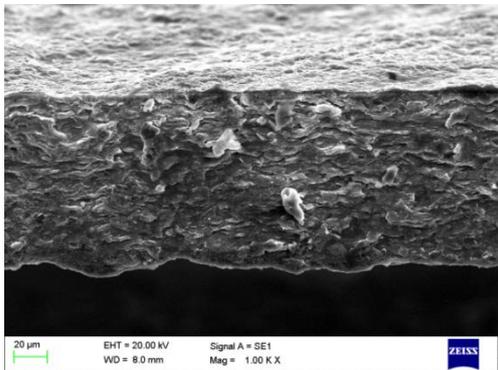
(d)



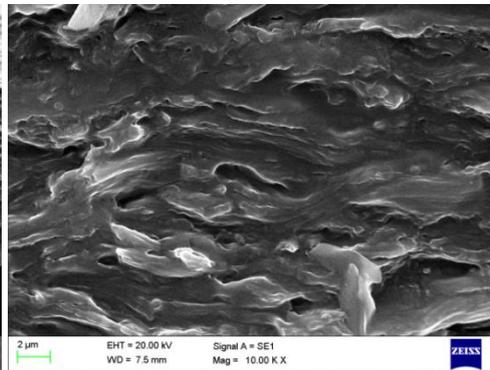
(e)



(f)



(g)



(h)

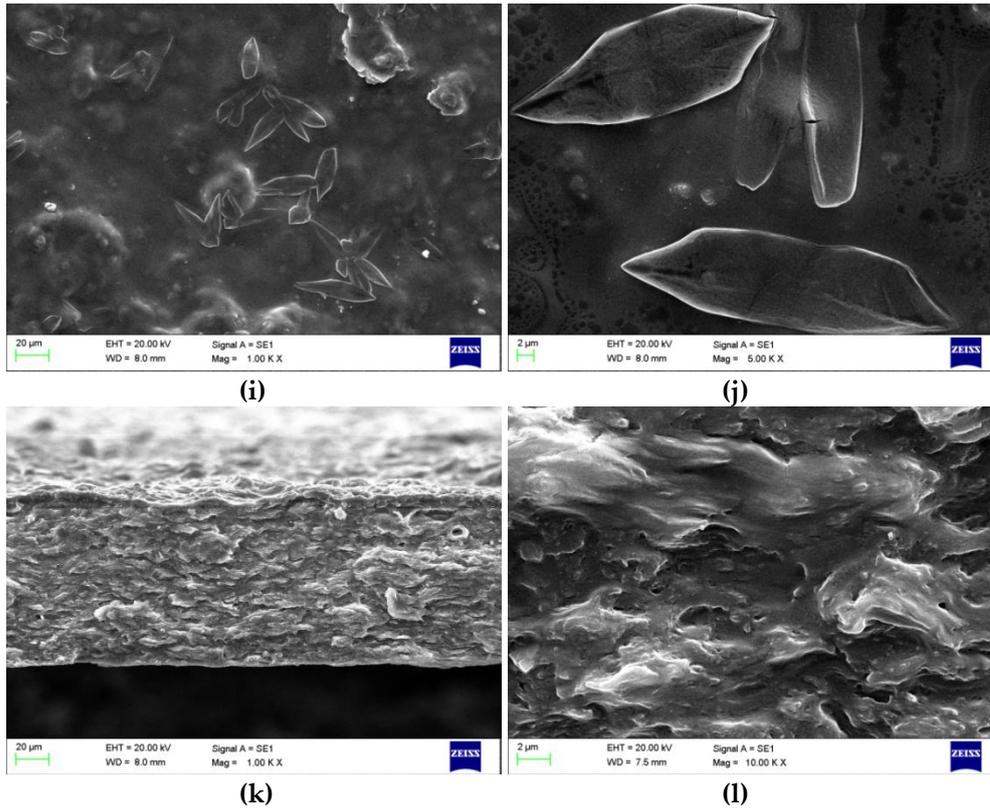


Figure S1. FE-SEM micrographs of film surfaces with a magnification of 1.00 K × (a) and 5.00 K × (b) and cross-sectional images with a magnification of 1.00 K × (c) and 10.00 K × (d) containing the highest concentrations of glycerol and sugar and the lowest concentration of MA (0.39%); film surfaces with a magnification of 1.00 K × (e) and 5.00 K × (f) and cross-sectional images with a magnification of 1.00 K × (g) and 10.00 K × (h) containing the highest concentrations of glycerol and sugar and the middle level of MA concentration (0.78%); film surfaces with a magnification of 1.00 K × (i) and 5.00 K × (i) and cross-sectional images with a magnification of 1.00 K × (k) and 10.00 K × (l) containing the highest concentrations of glycerol and sugar and the highest concentration of MA (1.56%).