

Fig. 2. Schematic representation of the non-woven mat and regions from where the samples were obtained in this study. Three samples denoted as N1, C, and S1 were cut for SEM analyses from the non-woven mat, corresponding to upper, central, and lower regions, respectively. While being examined in microscope, each samples were then subdivided into two regions. For instance, N1 into NA and NB, likewise C into CA and CB and, S1 into SA and SB.

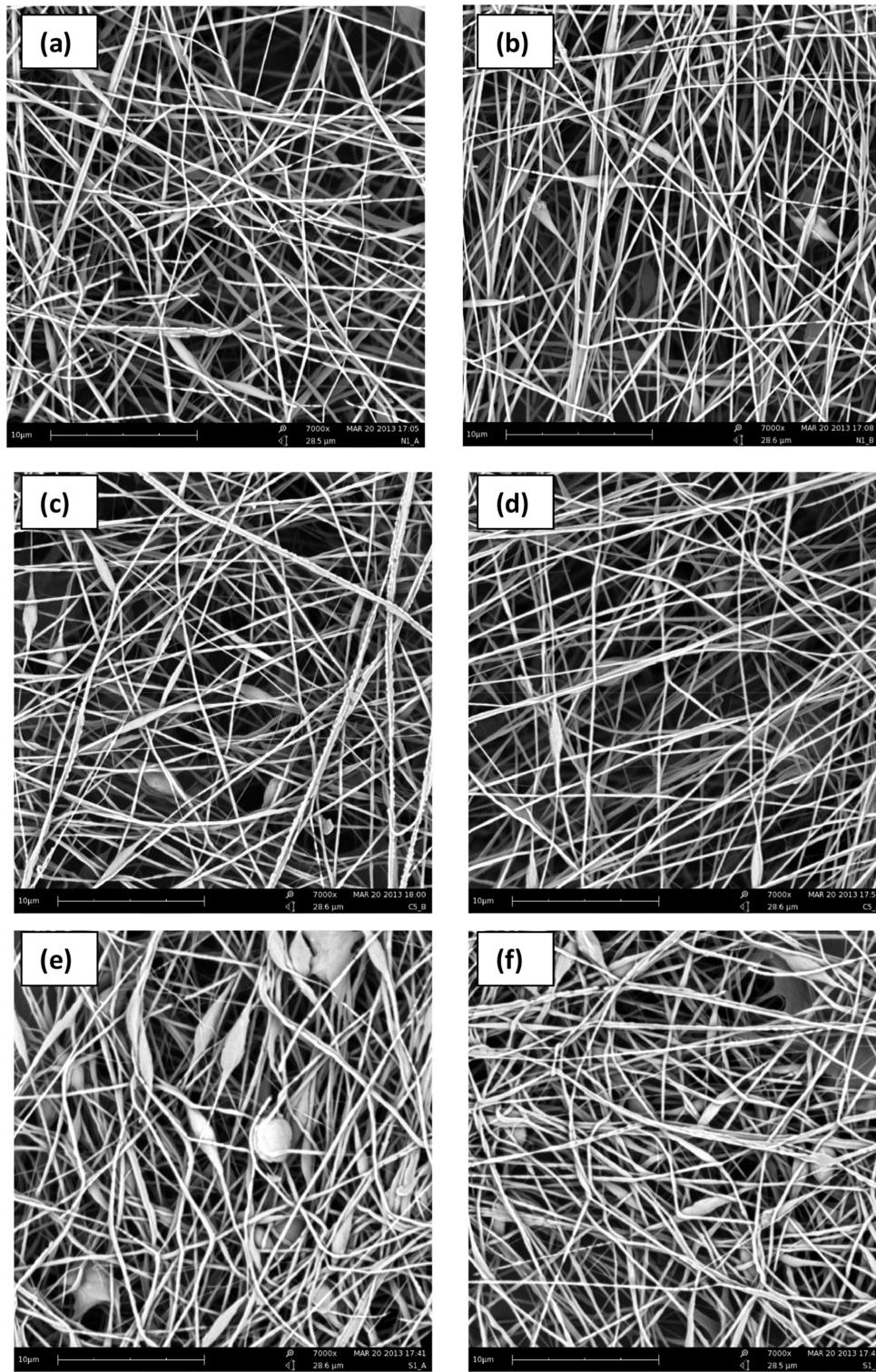


Fig. 3. Representative SEM micrographs of the electrospun PEO nanofibers obtained from various regions of the non-woven mat. Upper (a) NA, (b) NB, Center (c) CA, (d) CB, and Lower (e) SA, (f) SB (scale bar = 10 nm, magnification = 7000 \times).