Supplementary Materials

Functionalization of Commercial Electrospun Veils with Zinc Oxide Nanostructures

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Figure S1. SEM micrograph and corresponding EDX analysis of ZnO seed deposited nylon nanofibers.
Figure S2. Normal distribution of diameter and length of ZnO nanostructures in Method 1 at different growth treatment times. In detail, diameter distribution after (a) 1 h, (b) 3 h and (c) 5 h growth treatment times and length distribution after (d) 3 h and (e) 5 h growth treatment times.
Figure S3. Thermogram (black curve) and first derivative weight loss (red curve) of electrospun veil after a treatment in ethanol and in a sodium hydroxide solution at the same concentration adopted during the seeding step (0.16 mM).

Figure S4. (a,b) SEM micrographs at different magnifications of commercial electrospun veil after a sequential pretreatment with ethanol and NaOH (0.16 mM) and (c) corresponding diameter distribution.

Figure S5. Typical tensile stress vs. strain curves of as-received and ZnO-decorated electrospun veils in Mode 1.
Figure S6. Normal distribution of diameter and height of ZnO nanostructures at (a,b) 3 h and (c,d) growth treatment times in Mode 2 with 75 mL as volume of growth solution.

Figure S7. Normal distribution of diameter and height of ZnO nanostructures at (a,b) 3 h and (c,d) growth treatment times in Mode 2 with 250 mL as volume of growth solution.
Figure S8. Typical tensile stress vs. strain curves of ZnO-decorated electrospun veils in Mode 2.