Supplementary Materials

Nanostructured Electrospun Polycaprolactone—Propolis Mats Composed of Different Morphologies for Potential Use in Wound Healing

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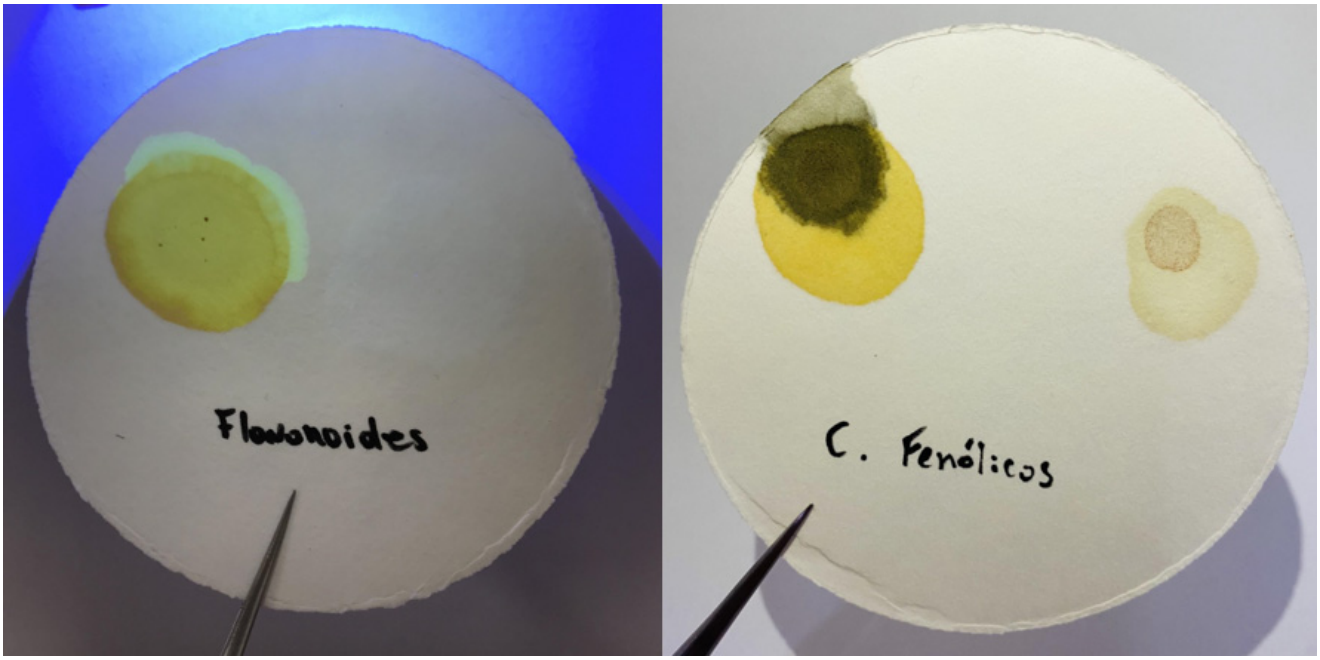

Figure S1. Phytochemical qualitative analyses for flavonoids and phenolic compounds in propolis alcoholic extract.

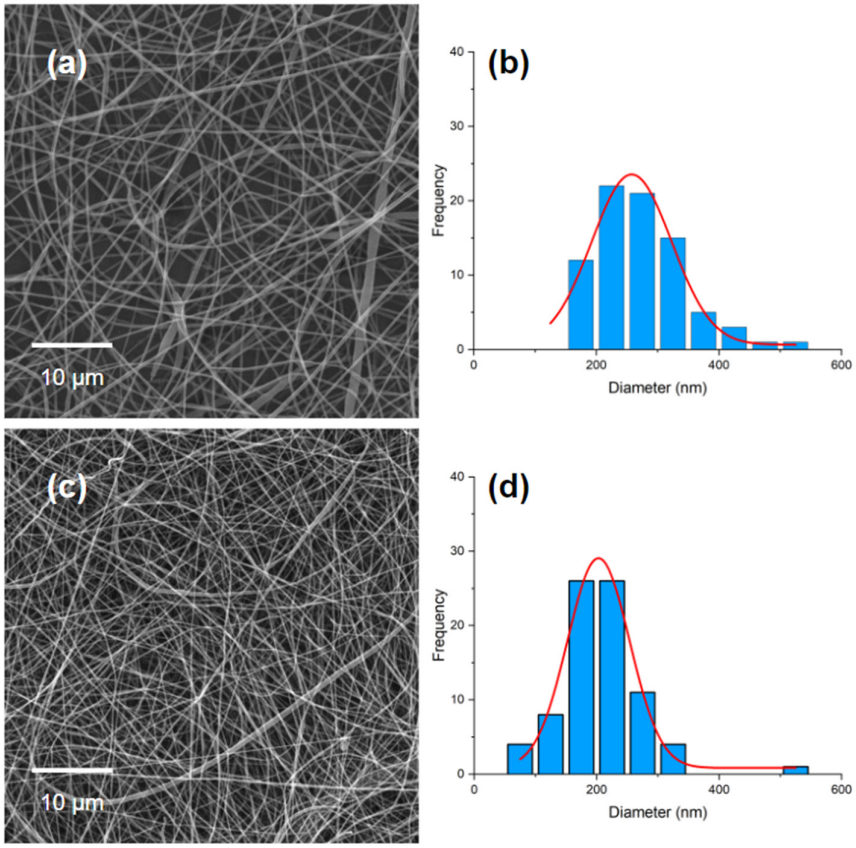

Figure S2. Fibre morphology obtained from 0-day storage solution electrospinning. Respectively: (**A,C**) Higher magnification scanning electron microscopy image for PCL and PCL + Prop electrospun mats; (**B,D**) Histograms of fibre diameters for PCL and PCL + Prop electrospun mats.

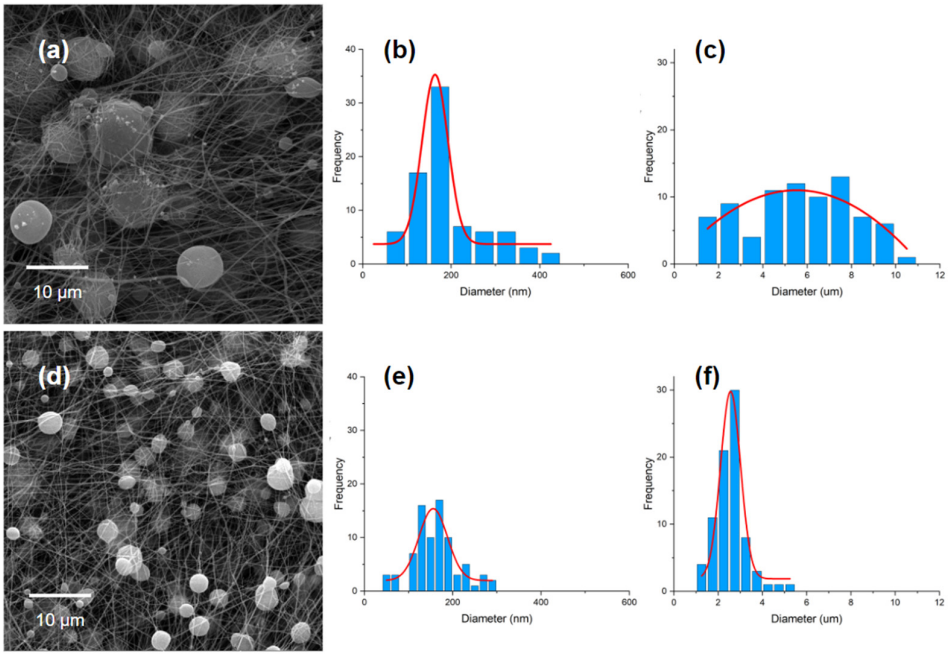

Figure S3. Beaded fibre morphology obtained from 7-day storage solution electrospinning. Respectively: (**A,D**) Higher magnification scanning electron microscopy image for PCL and PCL + Prop electrospun mats; (**B,E**) Histograms of fibre diameters for PCL and PCL + Prop electrospun mats; (**C,F**) Histograms of bead diameters for PCL and PCL + Prop electrospun mats.

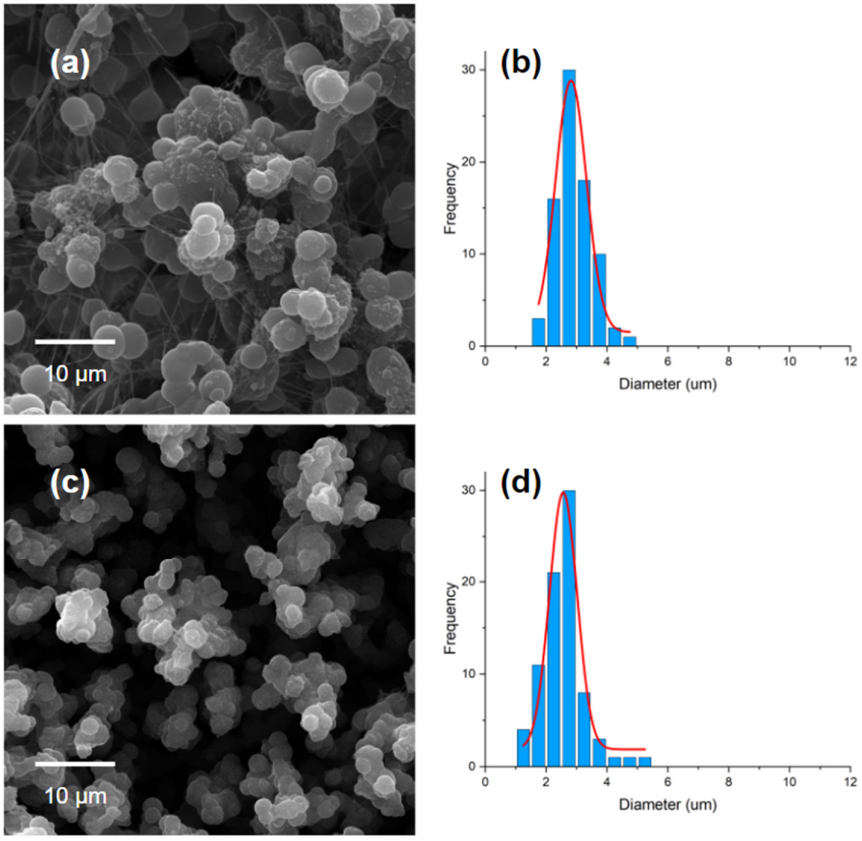

Figure S4. Bead morphology obtained from 14-day storage solution electrospinning. Respectively: (**A,C**) Higher magnification scanning electron microscopy image for PCL and PCL + Prop electrospun mats; (**B,D**) Histograms of bead diameters for PCL and PCL + Prop electrospun mats.

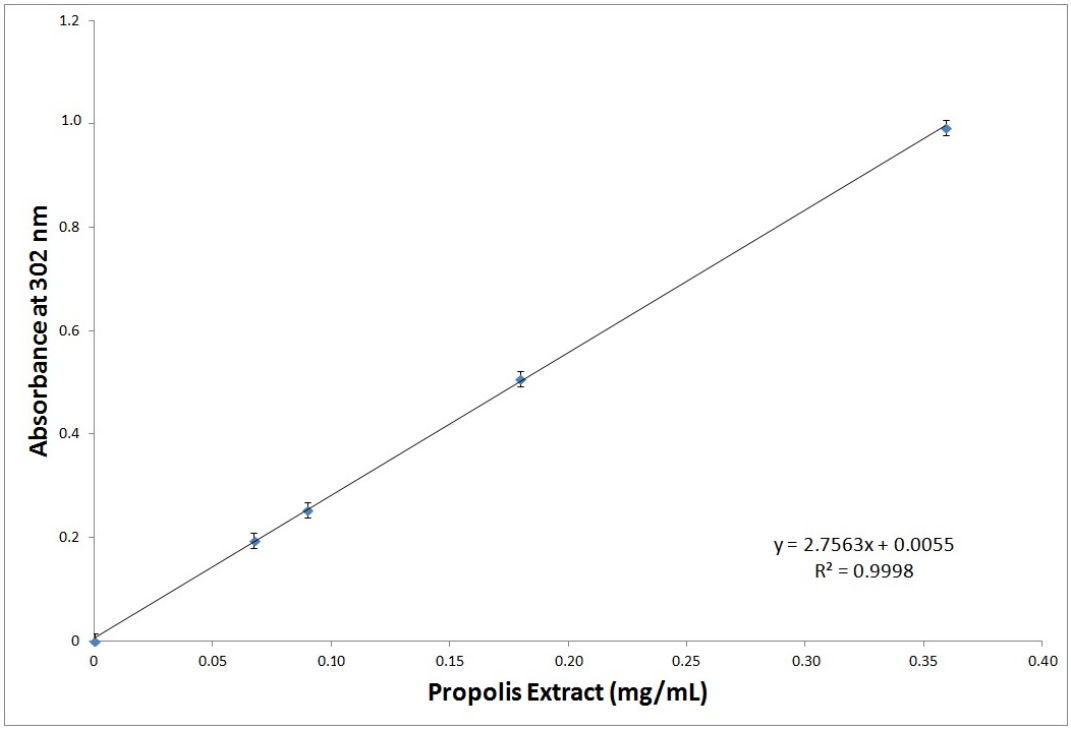

Figure S5. Propolis alcoholic extract calibration curve for propolis release assay. Absorbance at 302 nm.

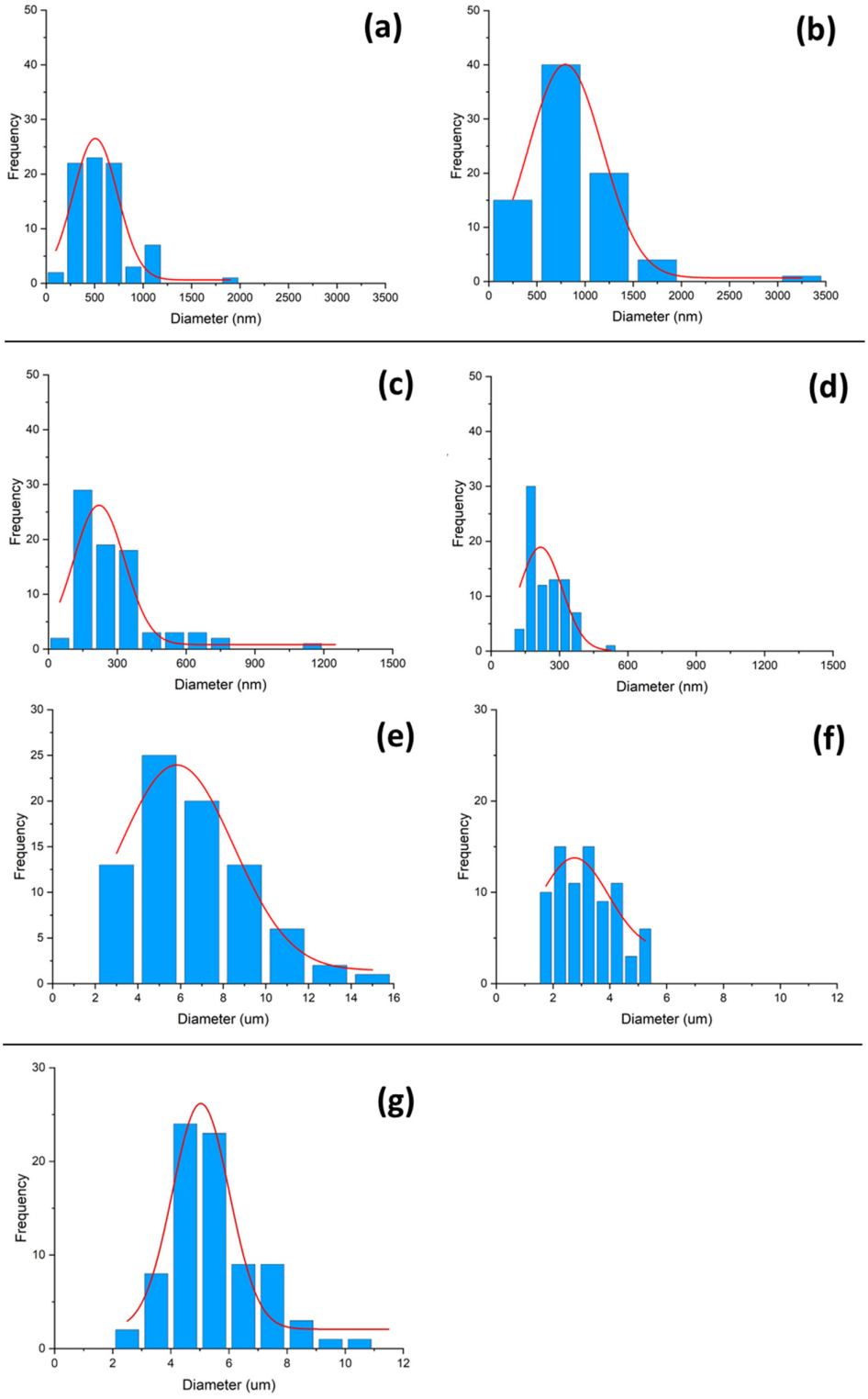

Figure S6. Histogram of morphologies by electrospun mats after swelling assay (Figure 9 in manuscript). Fibre Mats: (**A**) PCL, (**B**) PCL + Prop. Beaded Fibre mats: **(C)** Fibres PCL; (**D)** Fibres PCL + Prop, (**E**) Beads PCL, (**F**) Beads PCL + Prop, and Bead Mats (**G**) PCL.