

Supplementary Methods

Raman spectra

The composition of graphene oxide-incorporated electrospun mats was analyzed by Raman spectroscopy. The Raman spectra were obtained by a Raman spectrometer (Micro Raman PL Mapping System, Dongwoo Optron Co., Kwangju, Korea) with excitation at 514.5 nm.

Supplementary Figures

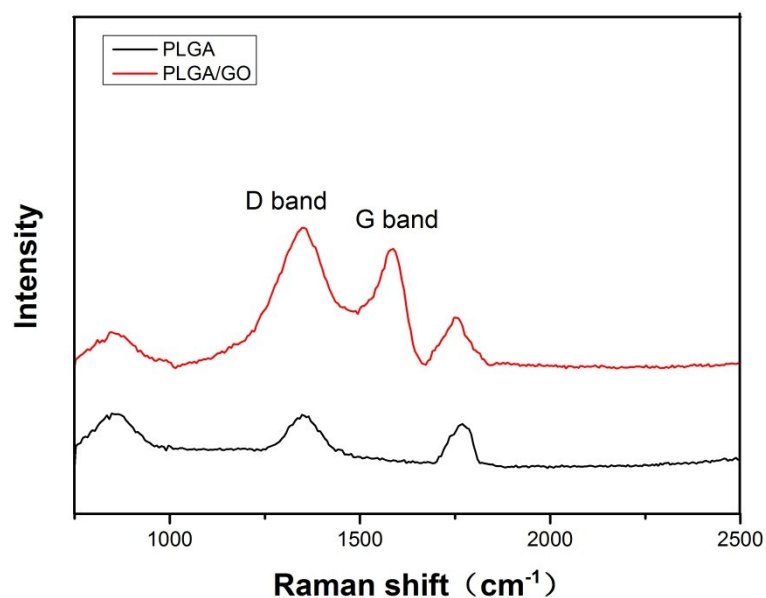


Fig 1. Raman spectra of PLGA and PLGA/GO fibres.

Raman is a spectroscopic technique to identify the presence of GO in PLGA/GO electrospun mats. Raman spectra of GO was shown in Supplementary Figure 1. Our result indicated the characteristic feature of GO peaks including D band and G band at frequencies around 1350 and 1590 cm⁻¹, respectively.