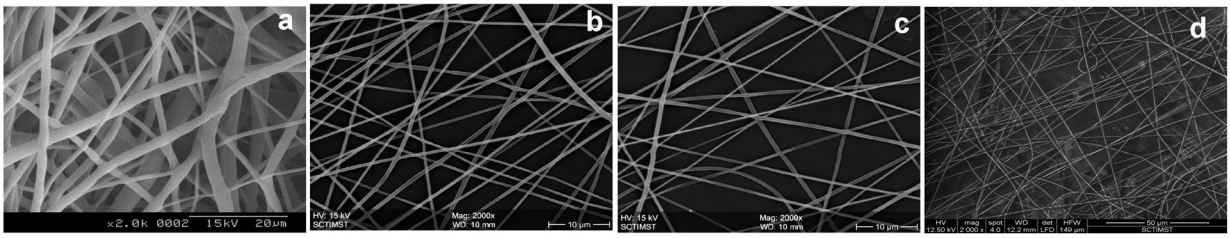
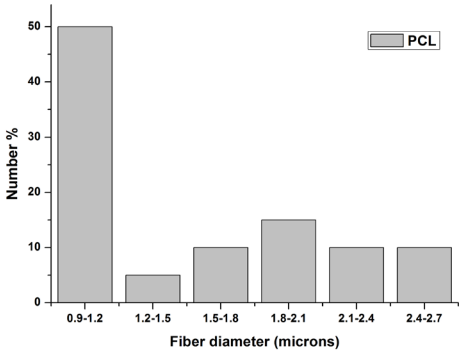
Supplementary information S1 - FTIR Peak intensity ratio for the characteristic peaks

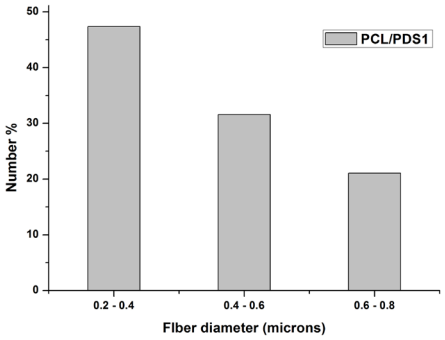
Peak intensity ratio for the characteristic peaks					
Scaffold	$\frac{I_{1724}}{I_{3386}}$	$\frac{I_{1724}}{I_{3122}}$	$\frac{I_{1724}}{I_{1651}}$	$\frac{I_{1724}}{I_{1178}}$	$\frac{I_{1724}}{I_{1062}}$
PCL	0.280	0.278	0.299	0.924	0.399
PCL/PDS1	0.155	0.154	0.162	0.585	0.230
PCL/PDS3	0.204	0.202	0.212	0.674	0.289
PCL/PDS5	0.174	0.172	0.189	0.623	0.253
Peak intensity ratio for the random peaks					
Scaffold	$\frac{I_{1500}}{I_{2000}}$	$\frac{I_{1500}}{I_{2500}}$	$\frac{I_{1500}}{I_{3500}}$	$\frac{I_{2000}}{I_{2500}}$	$\frac{I_{2000}}{I_{3500}}$
PCL	0.987	0.977	0.989	0.989	1.002
PCL/PDS1	0.945	0.947	0.966	1.002	1.022
PCL/PDS3	0.959	0.956	0.990	0.996	1.033
PCL/PDS5	0.971	0.971	0.978	1.000	1.007

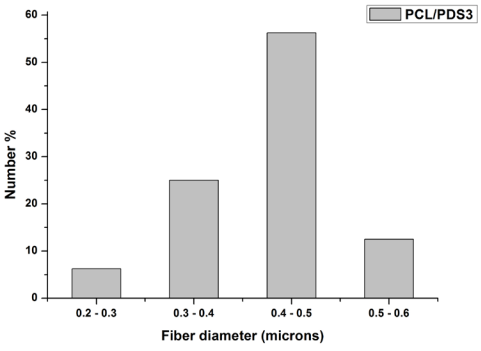
Supplementary information S2 - ESEM analysis showing morphology of scaffolds (2000x) and fiber diameter distribution measured using image J

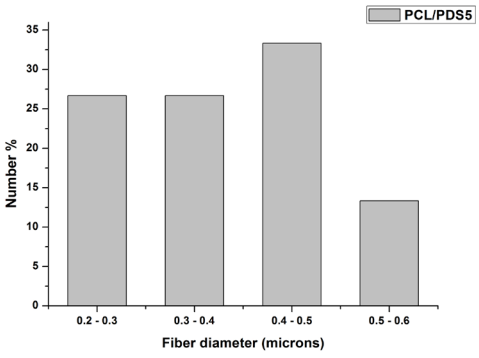


(a) PCL (b) PCL/PDS1 (c) PCL/PDS3 (d) PCL/PDS5

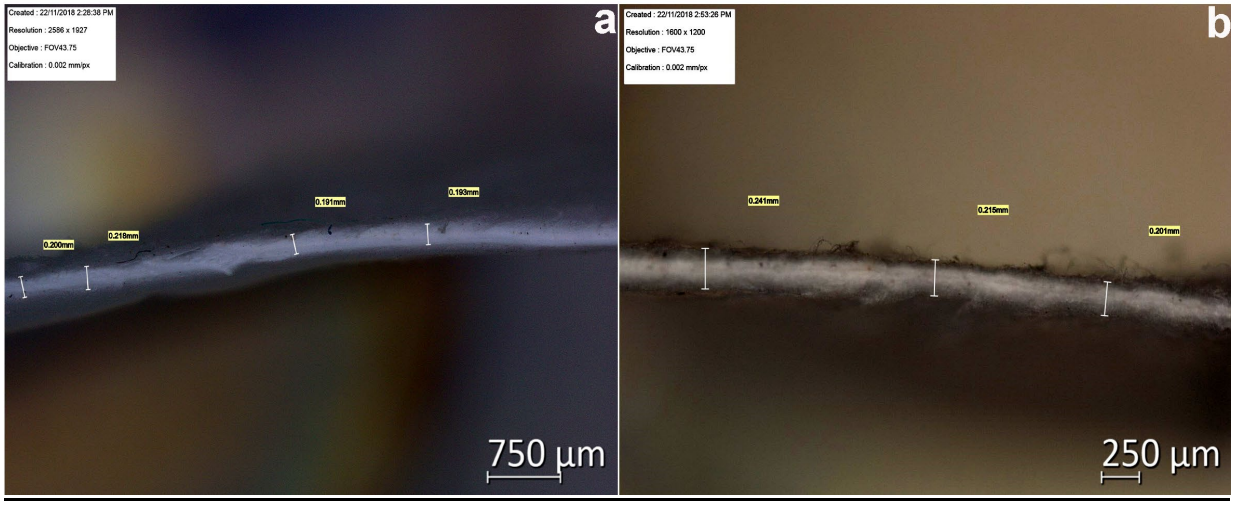








Supplementary information S3 – Thickness of scaffolds measured using Leica DVM6 digital microscope



(a) PCL (b) PCL/PDS5