

Simultaneous photo-induced polymerization and surface modification by microfluidic spinning to produce functionalized polymer microfibers

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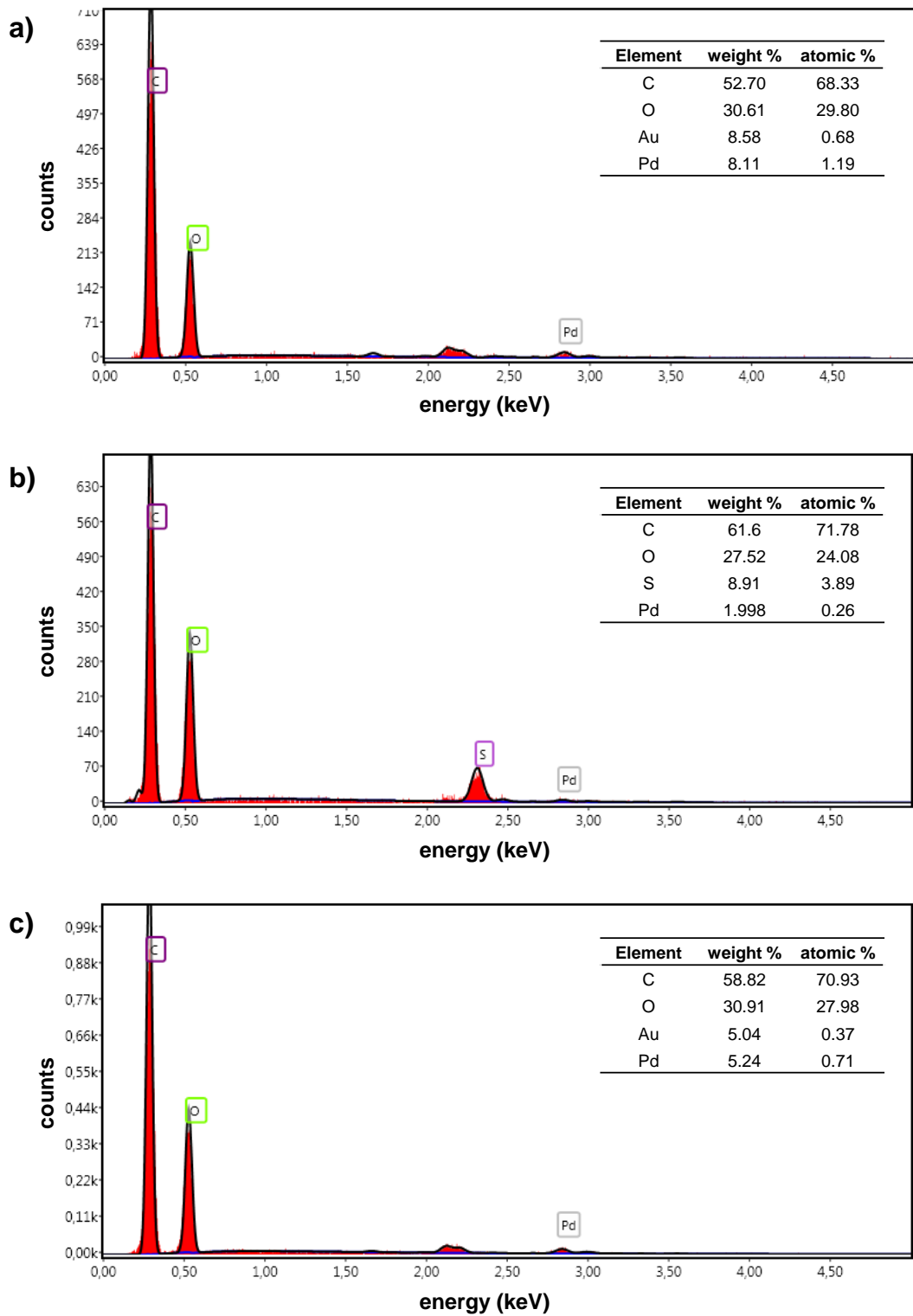


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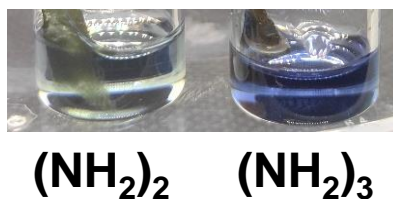


Fig. S2 Simultaneous photopolymerization and surface modification to produce amine-functionalized microfibers using either hexamethylenediamine/ $(\text{NH}_2)_2$ (left) or tris(2-aminoethyl)amine/ $(\text{NH}_2)_3$ (right) confirmed by Kaiser test (blue-violet solution characteristic of the Ruhemann's complex formed by reaction of the ninhydrin with the primary amines).

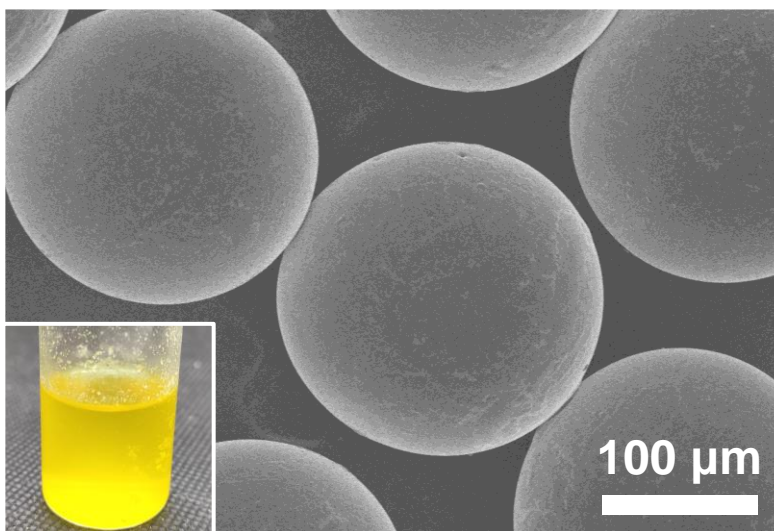


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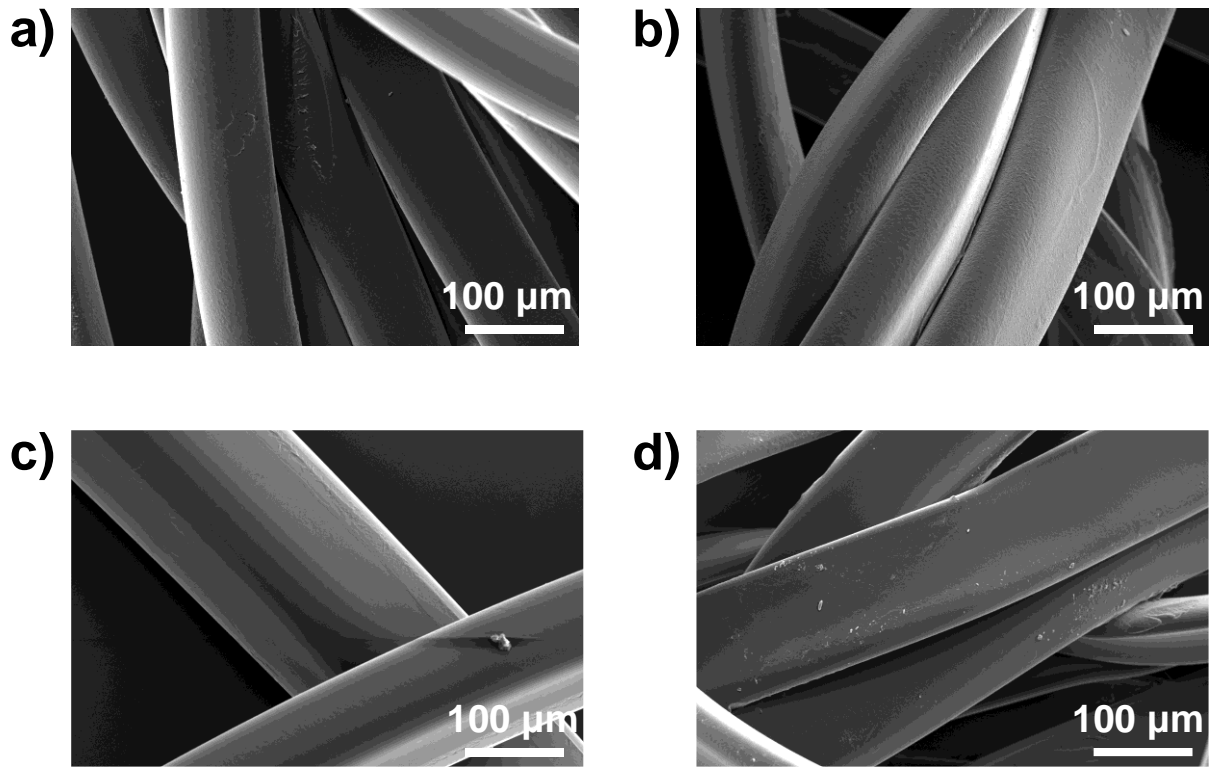


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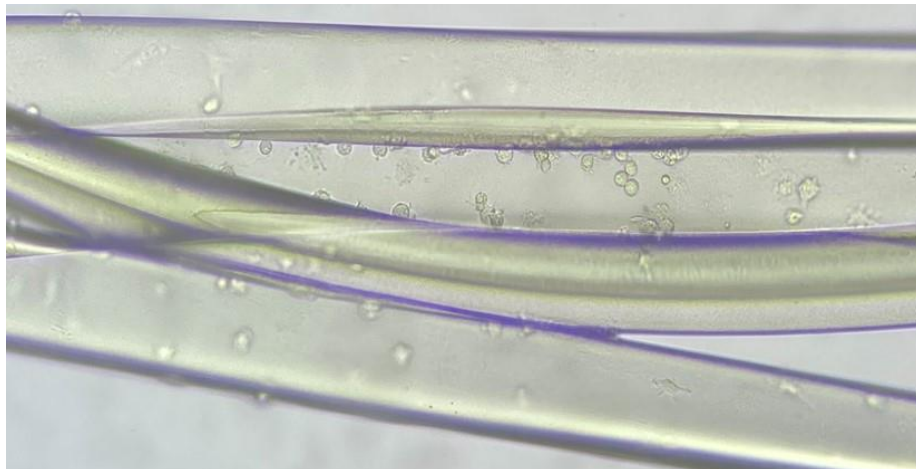


Fig. S5 Light microscopy of fibers obtained using 10 mol% of $(\text{SH})_3$ in the sheath phase and after 26 h of incubation with murine RAW264.7 macrophages.

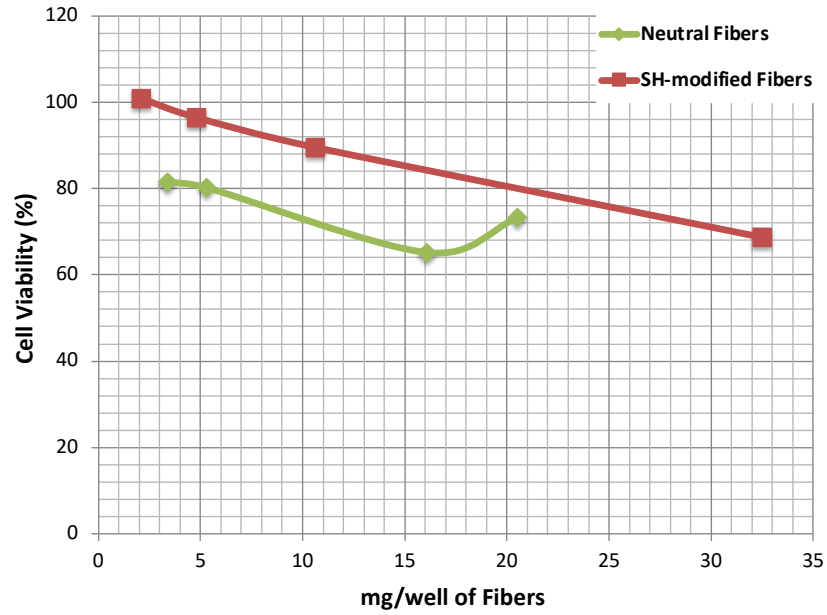


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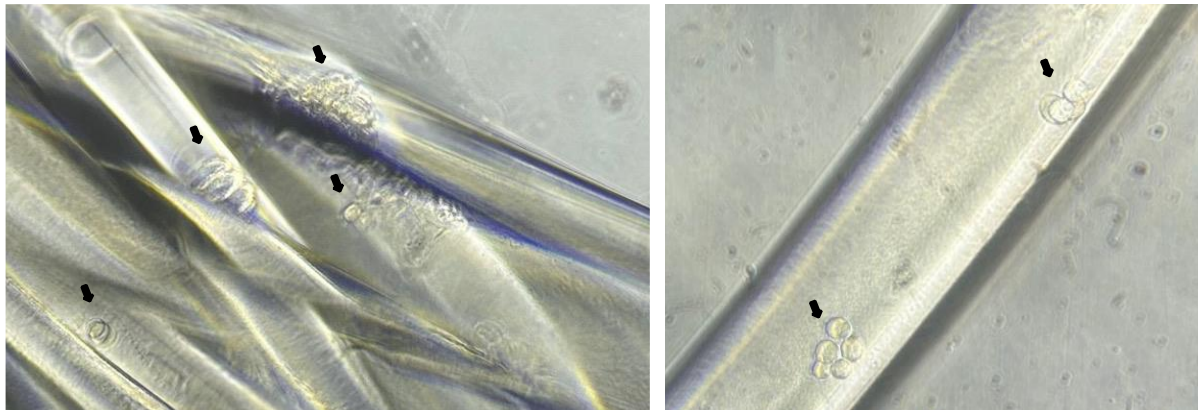


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