materials

MDPI

Supplementary Materials

Poly(2-oxazoline) Matrices with Temperature-Dependent Solubility—Interactions with Water and Use for Cell Culture

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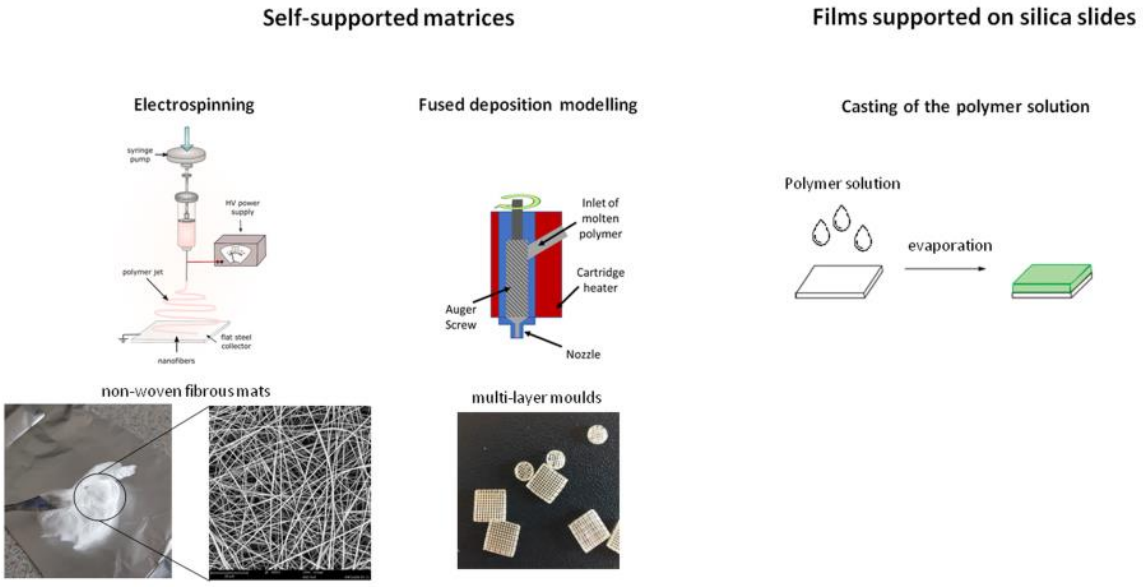


Figure S1. Scheme presenting preparation of matrices.

Dry P(iPrOx-nPrOx) mold

Mold incubated in water at 40 °C for several minutes

Mold after 2 h of incubation in water at 40 °C

Figure S2. P(iPrOx-nPrOx) mold during shape deformation.

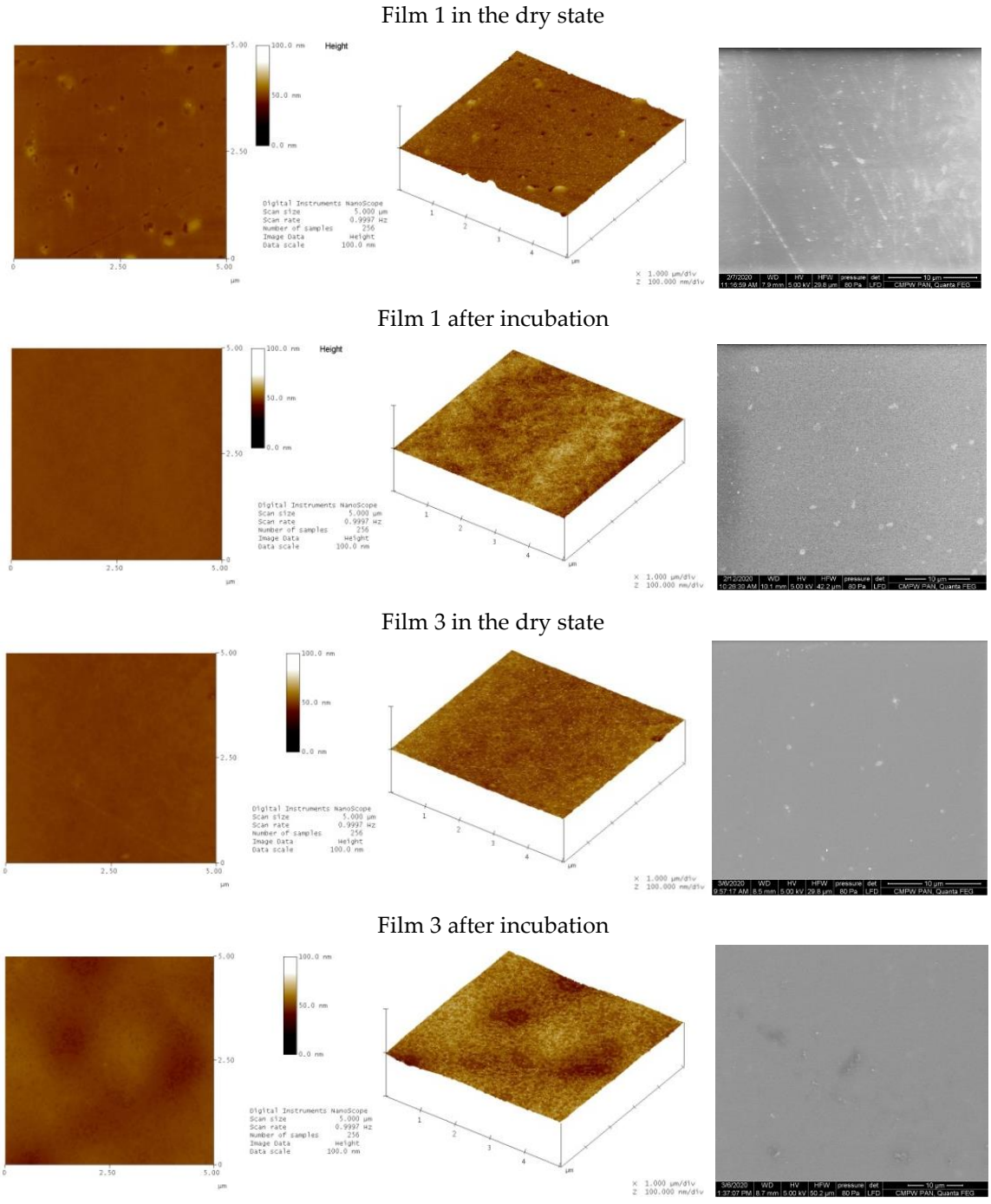


Figure S3. AFM and SEM micrographs for Films 1 and 3 in dry state and after incubation in water at 40 °C for 2 h.

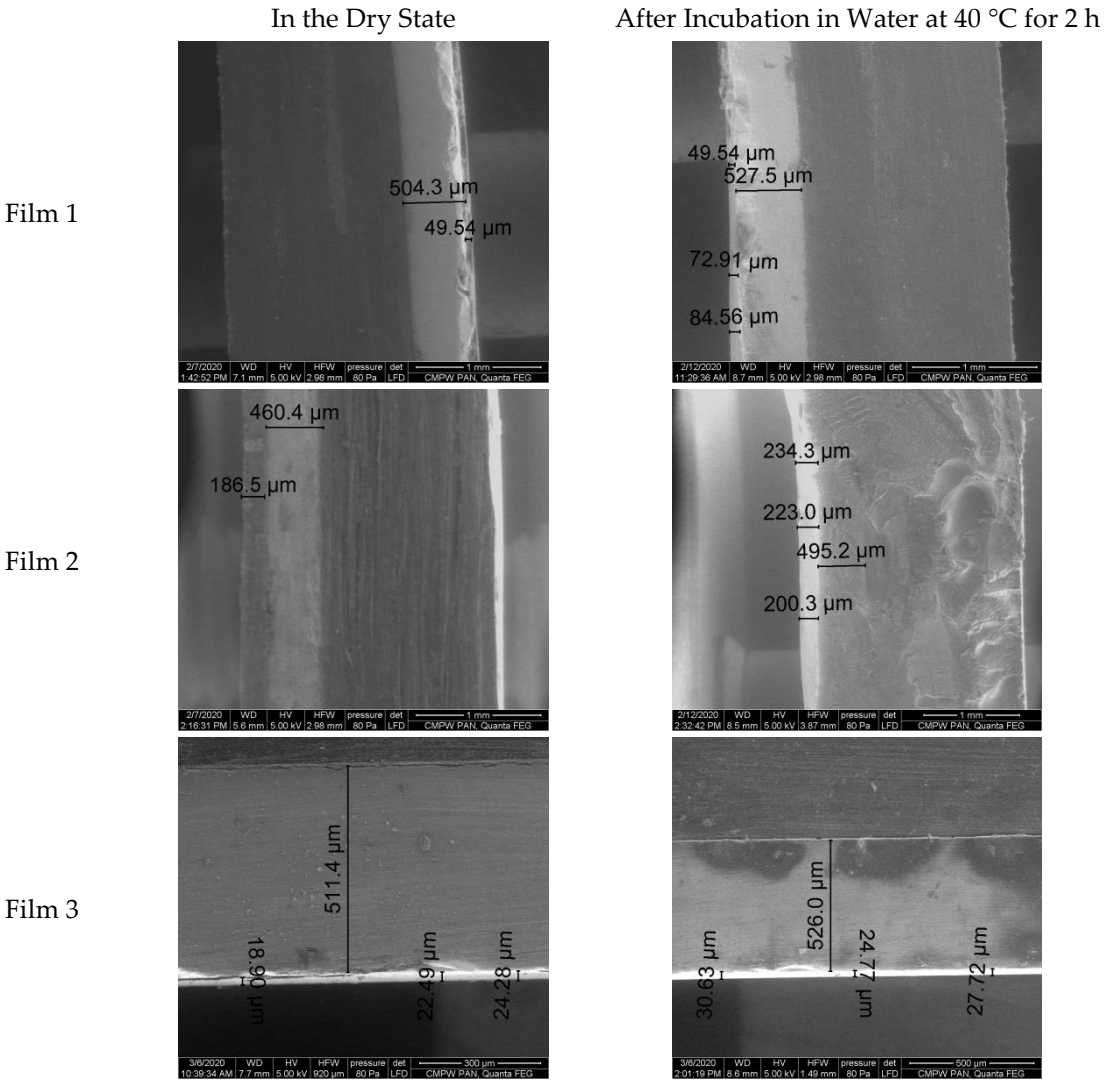


Figure S4. SEM micrographs presenting a cross section of the P(iPrOx-nPrOx) films in a dry state and after incubation in water at 40 °C for 2 h The thickness of the polymer layer and silica slides (approximately 500 m) are marked in the images.

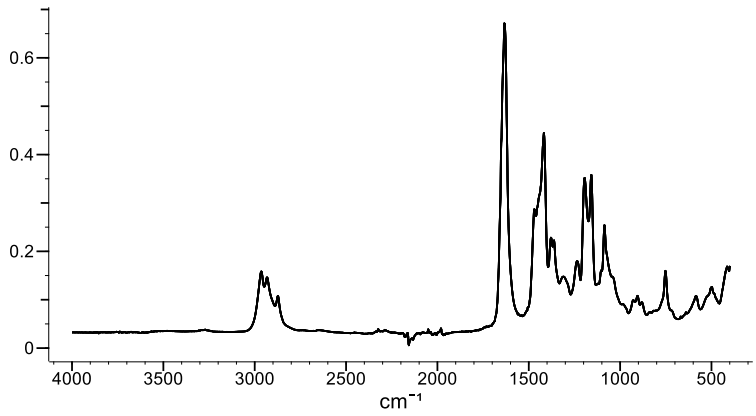
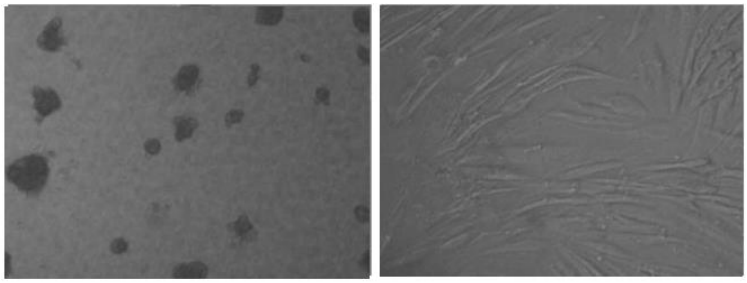


Figure S5. FT-IR spectrum of P(iPrOx-nPrOx) specially dried in high vacuum.



(**a**) (**b**)

Figure S6. Morphology of fibroblasts after 72 h of cell culture with laminin on: Film 2 (**a**); and TCPS (**b**).