

Electronic Support Information.

A versatile route for the fabrication of micro-patterned Poly(lactic-acid) (PLA)-based membranes with tailored morphology via breath figure imprinting

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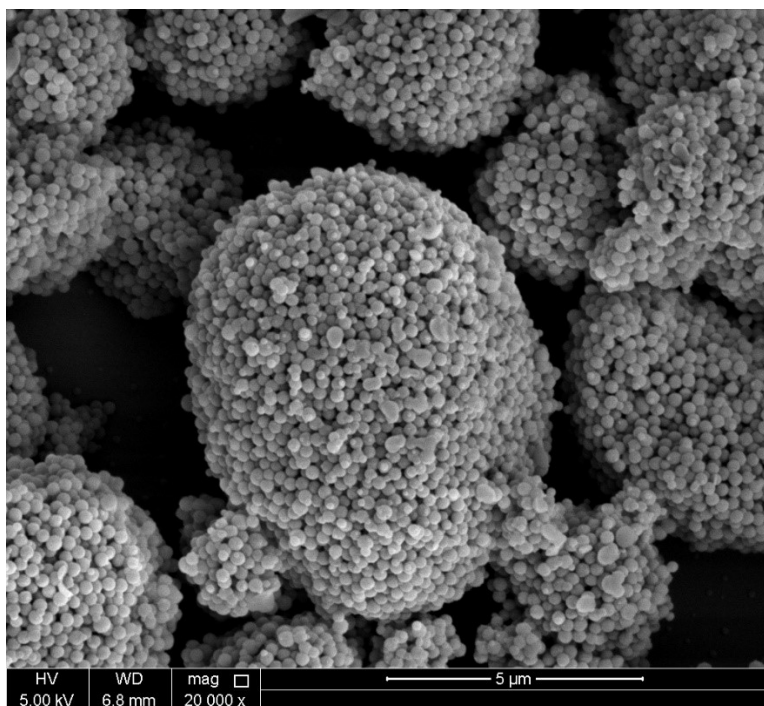


Figure 1. SEM image for the PVDF aggregate at 5 μm scale.

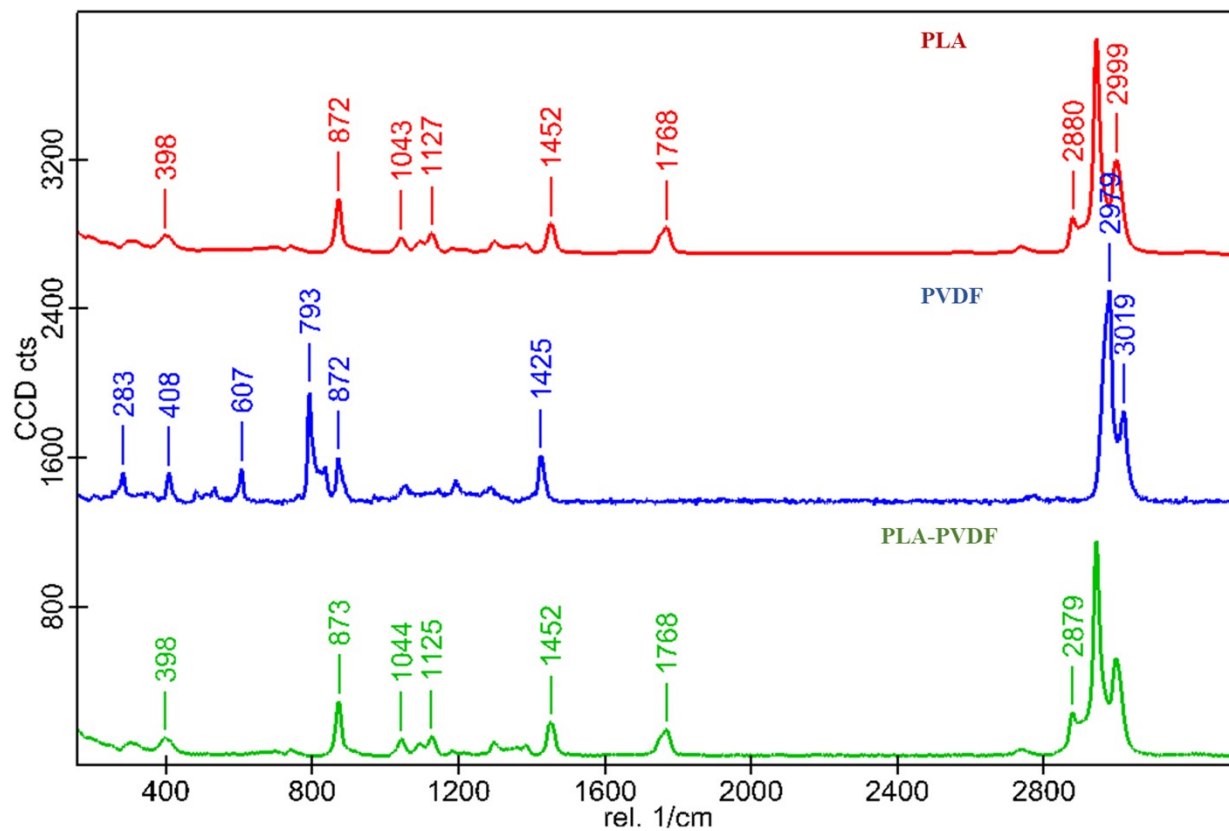


Figure 2. Raman Spectra of PLA (Red), PVDF (Blue) and PLA-PVDF (Green) membrane.

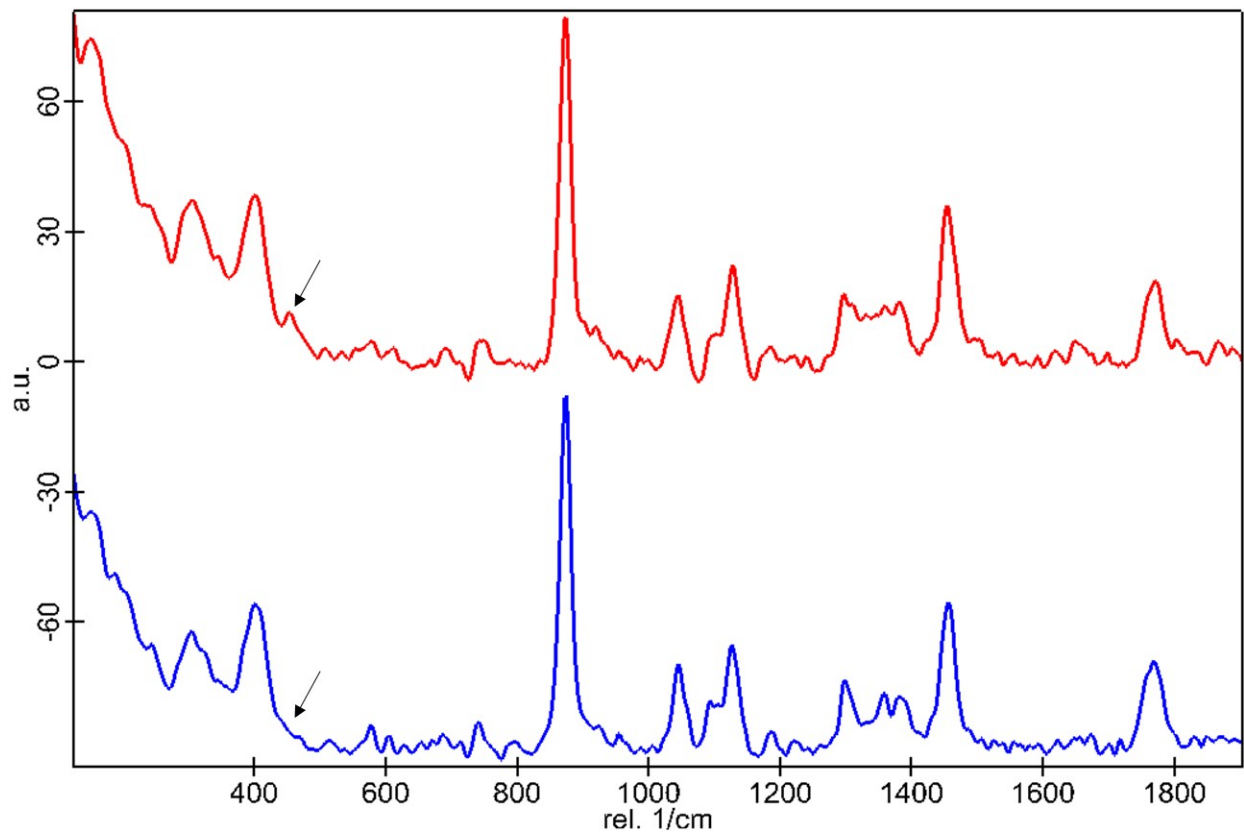


Figure 3. Raman Spectra of PLA-PVDF-ZnO membrane, Red: Top Surface, Blue: bottom surface.

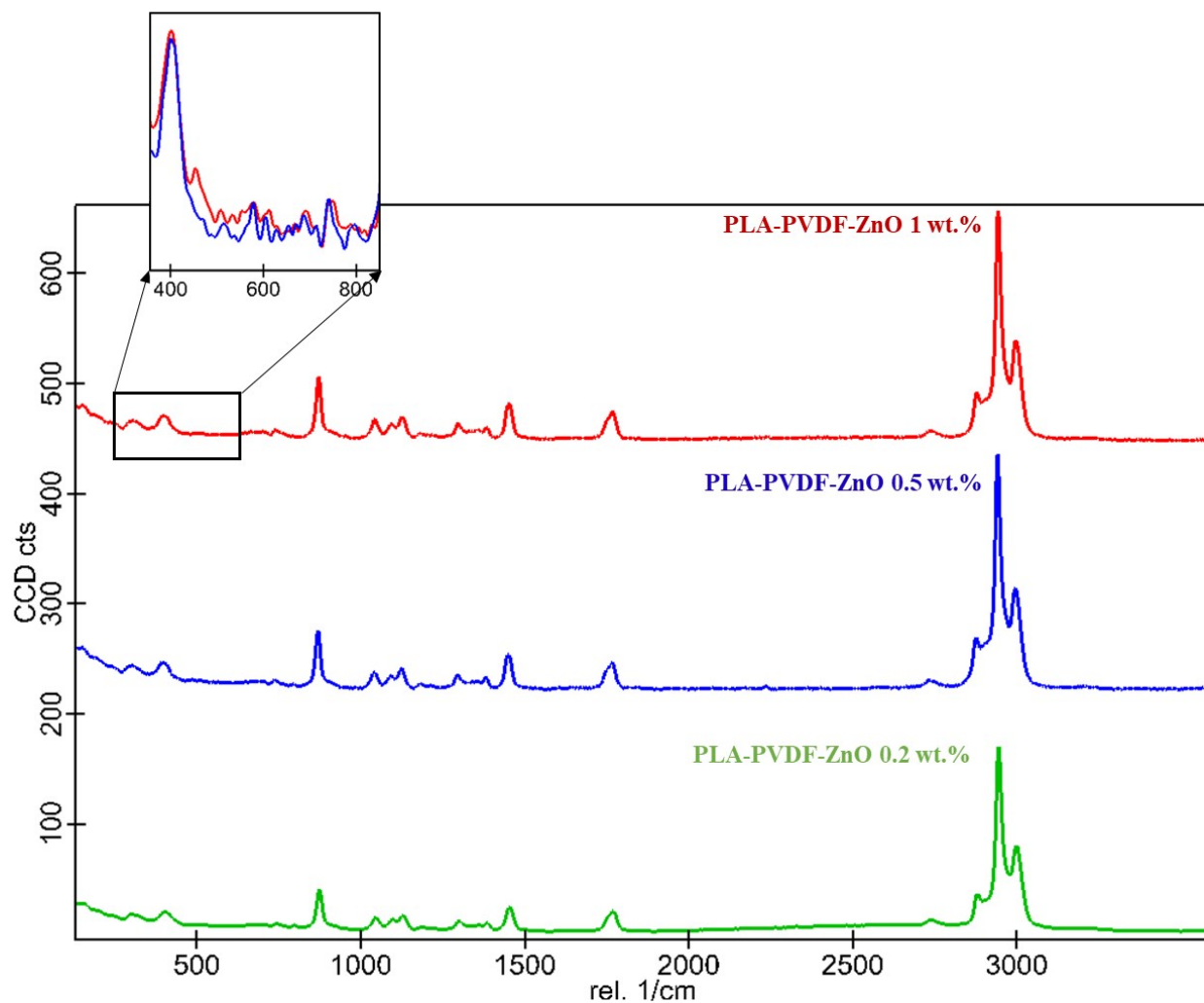


Figure 4. Raman Spectra of PLA-PVDF-ZnO 1 wt.% (Red), PLA-PVDF-ZnO 0.5 wt.% (Blue) and PLA-PVDF-ZnO 0.2 wt.% (Green) membranes.

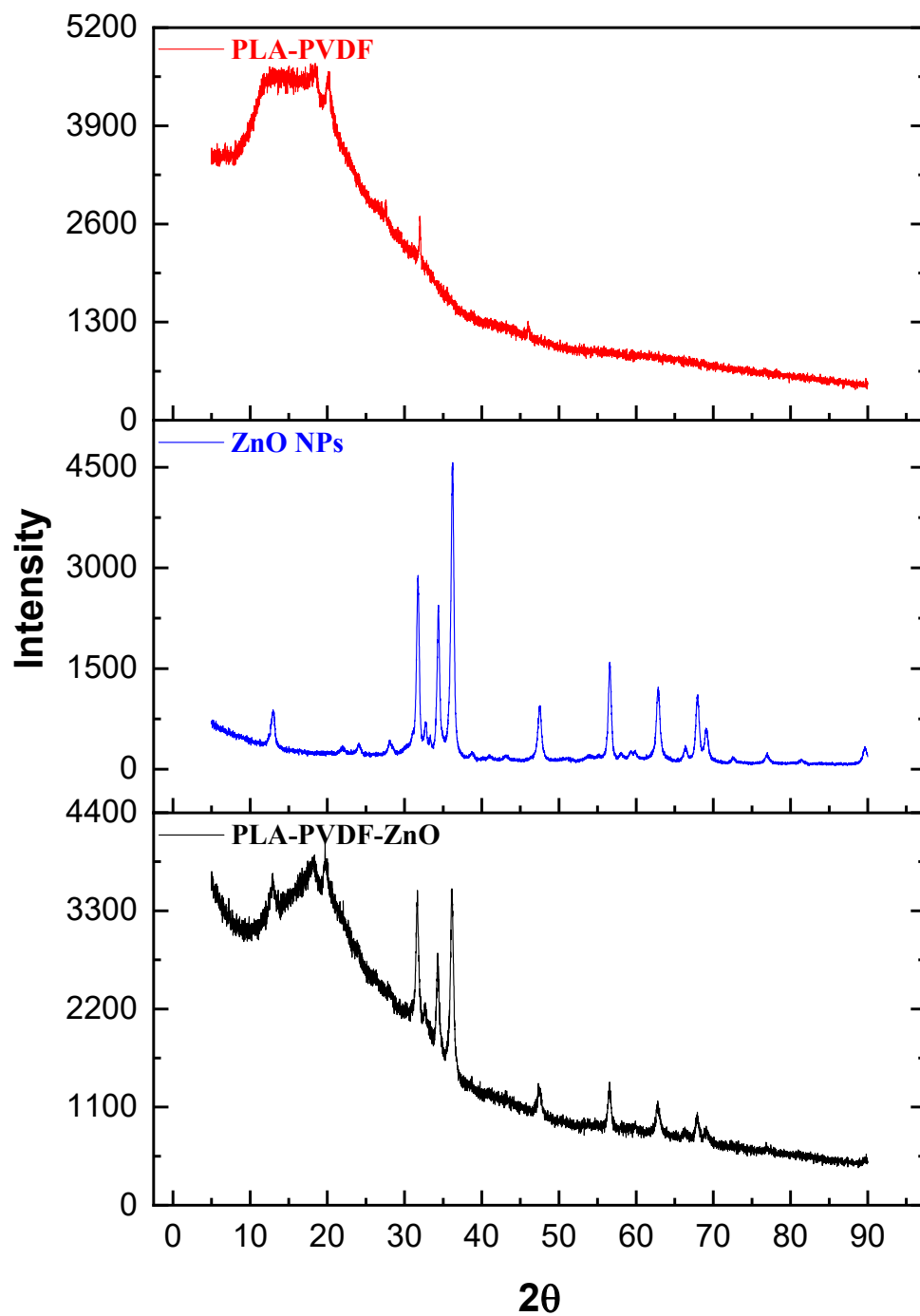


Figure 5. XRD pattern of Red: PLA-PVDF, Blue: ZnO NPs and black: PLA-PVDF-ZnO spectra.