pharmaceutics

Supplementary Materials: "Smart" Polylactic Acid Films with Ceftriaxone Loaded Microchamber Arrays for Personalized Antibiotic Therapy

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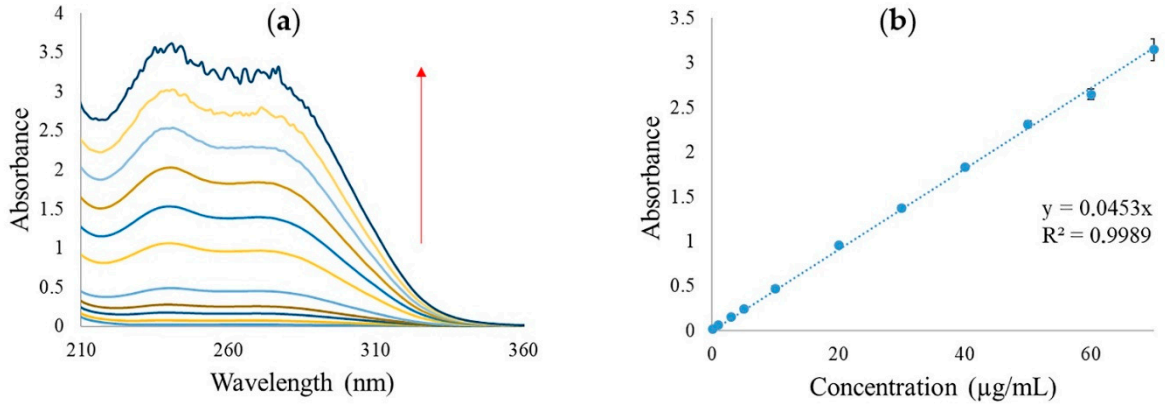

Figure S1. Absorption spectra of the Ceftriaxone in saline were preliminarily obtained in the concentration range from 0.1 to 70 µg/mL (**a**); calibration curve (**b**).

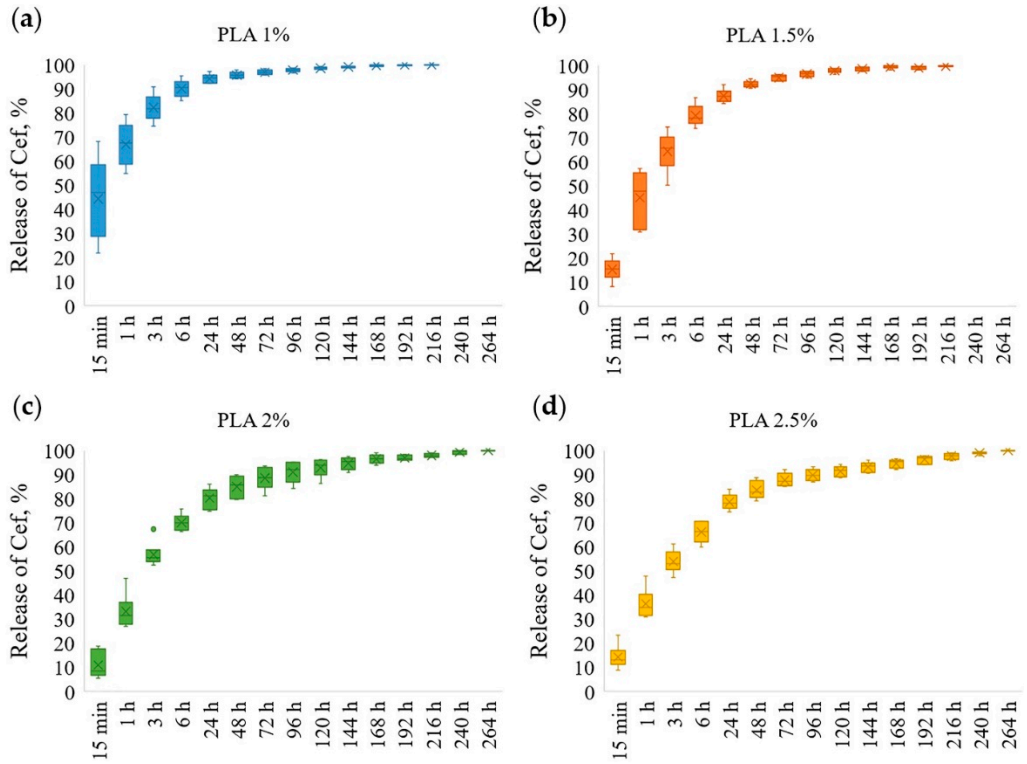

Figure S2. The overall prolonged release profile of ceftriaxone from microchamber arrays prepared at various concentrations of PLA in a patterned film: (**a**) PLA 1%, (**b**) PLA 1.5%, (**c**) PLA 2% and (**d**) PLA 2.5%.

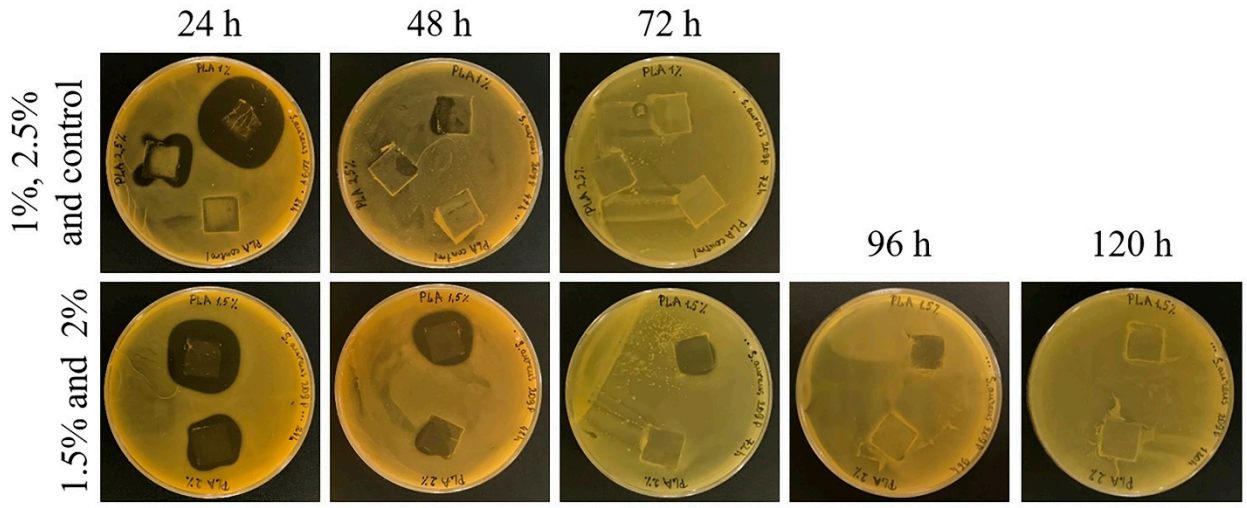

Figure S3. Image of plates with samples: inhibition of bacterial growth with daily samples transferred to new plates during 5 days.

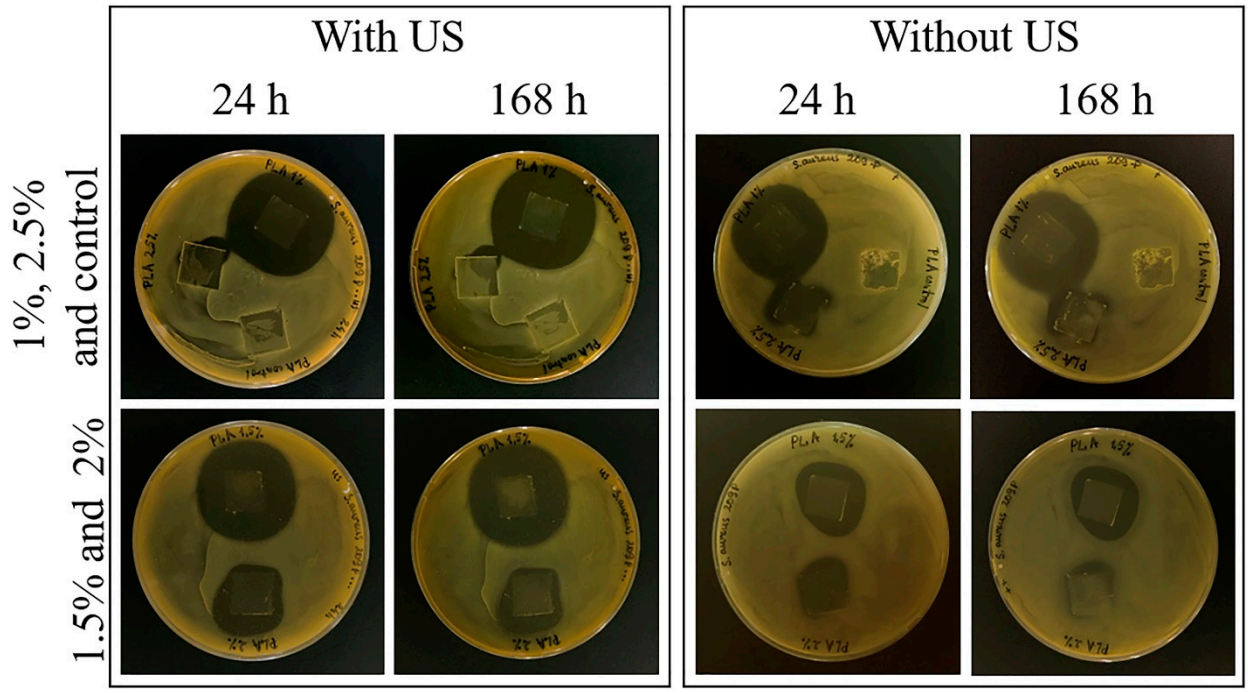

Figure S4. Image of plates with samples after ultrasound exposure; without ultrasound exposure: inhibition of bacterial growth.