Article

Preparation of Vancomycin-Loaded Aerogels Implementing Inkjet Printing and Superhydrophobic Surfaces

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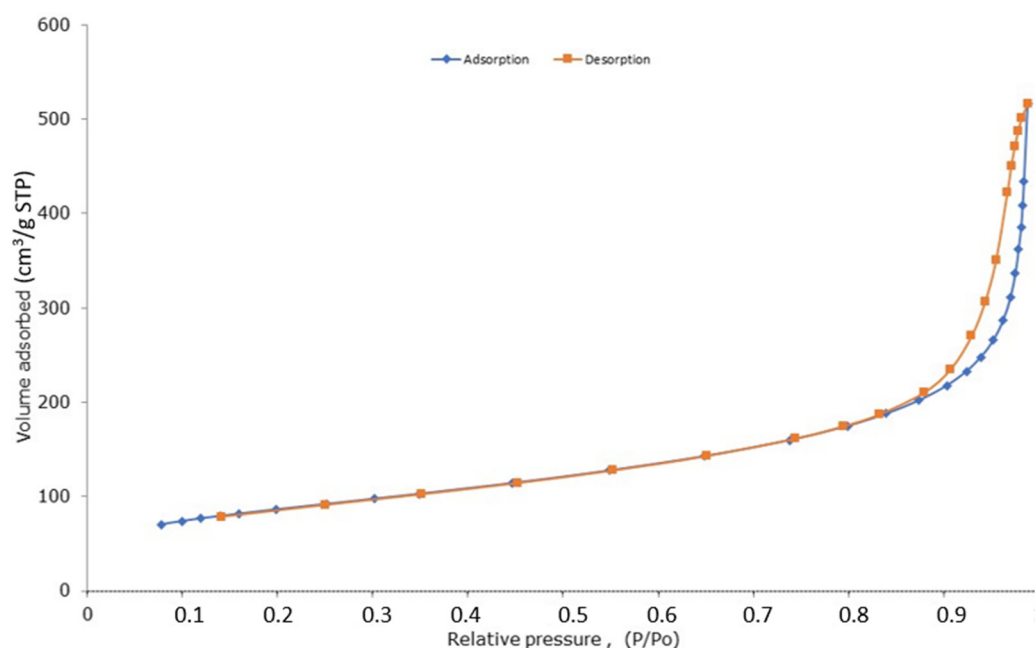
Supplementary Materials

Figure S1. Nitrogen adsorption-desorption isotherm of blank alginate aerogels. This isotherm is representative of all aerogel formulations.
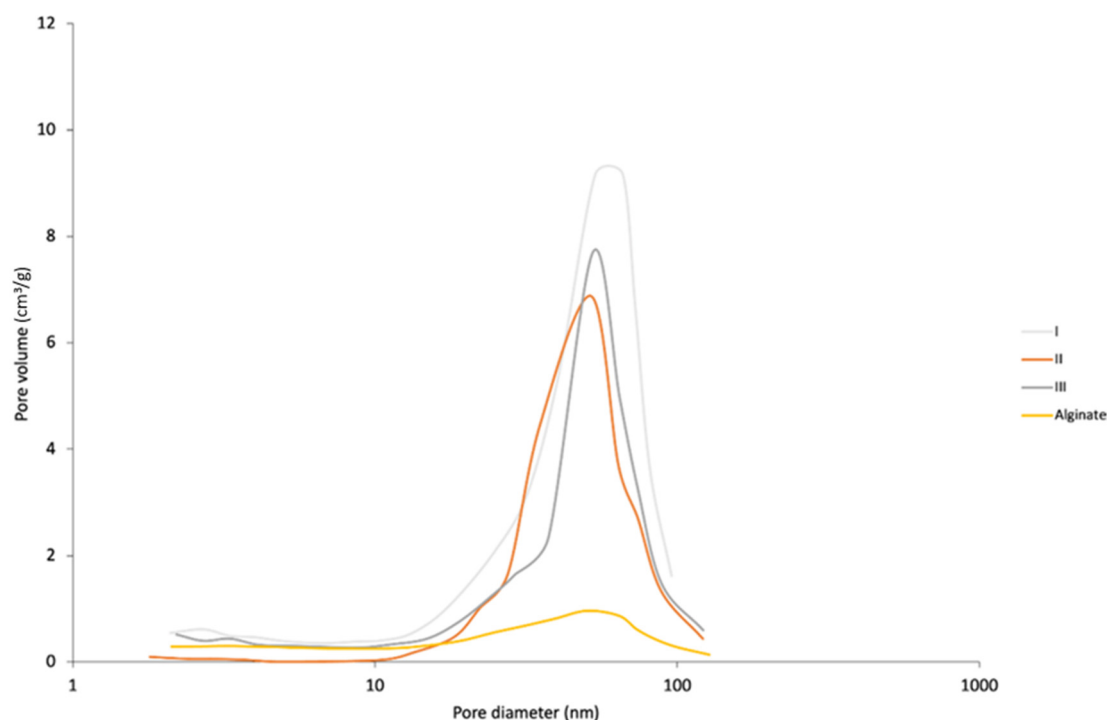
Figure S2. Pore size distribution of blank and drug-loaded aerogel formulations obtained by technological combination of inkjet printing and superhydrophobic surfaces.
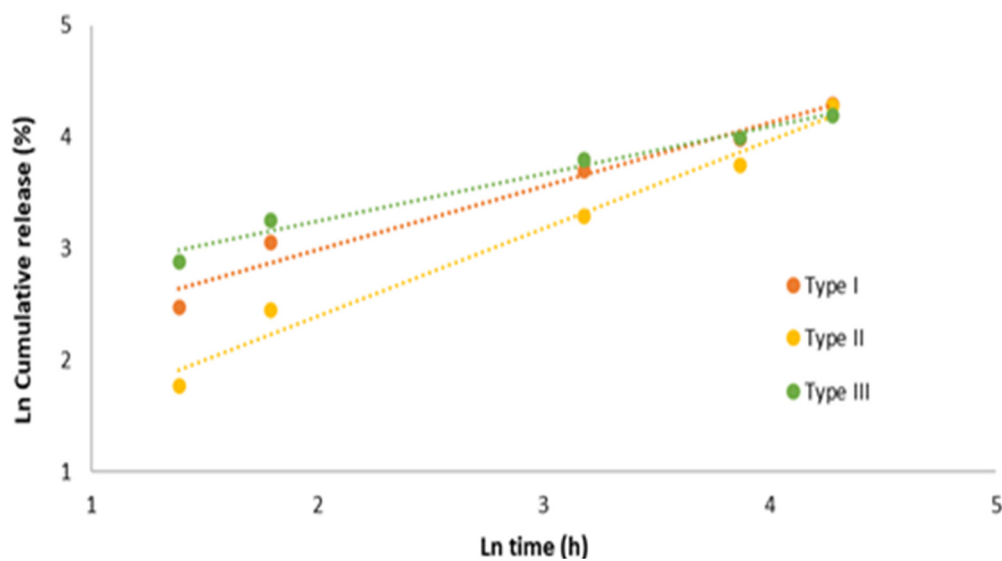

Figure S3. Vancomycin release kinetics fitting to Ritger-Peppas equation from alginate aerogel matrices. Dotted lines representing theorical values estimated with the model. Standard deviations are not shown for the sake of clarity.

Video S1: Manufacturing of the drop-by-demand aerogels implementing superhydrophobic surfaces.