

Article

Efficient Isolation of Bacterial RNAs Using Silica-Based Materials Modified with Ionic Liquids

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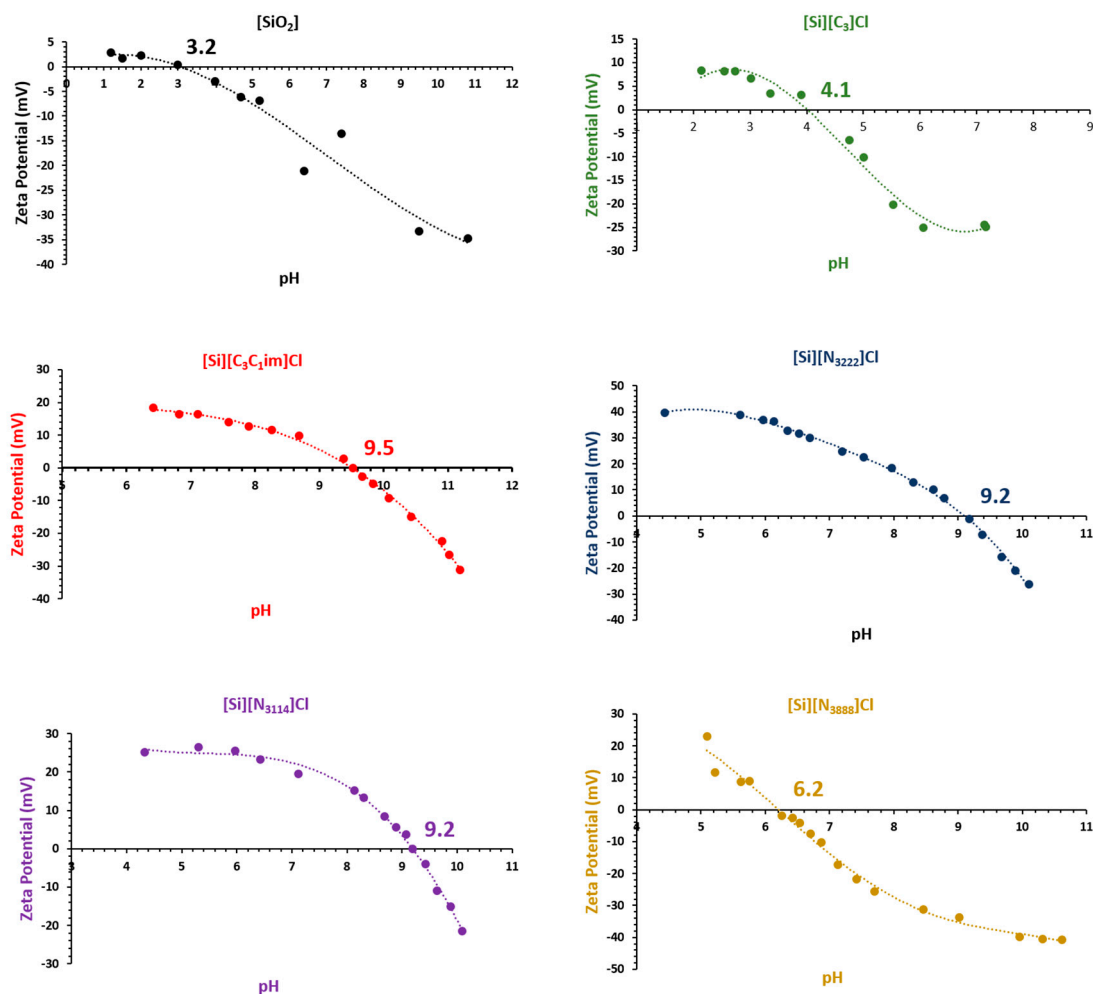


Figure S1. – Zeta potential values as a function of pH and values of point of zero charge (PZC) for SiO_2 , $[\text{Si}][\text{C}_3]\text{Cl}$ and IL-functionalized silica supports.

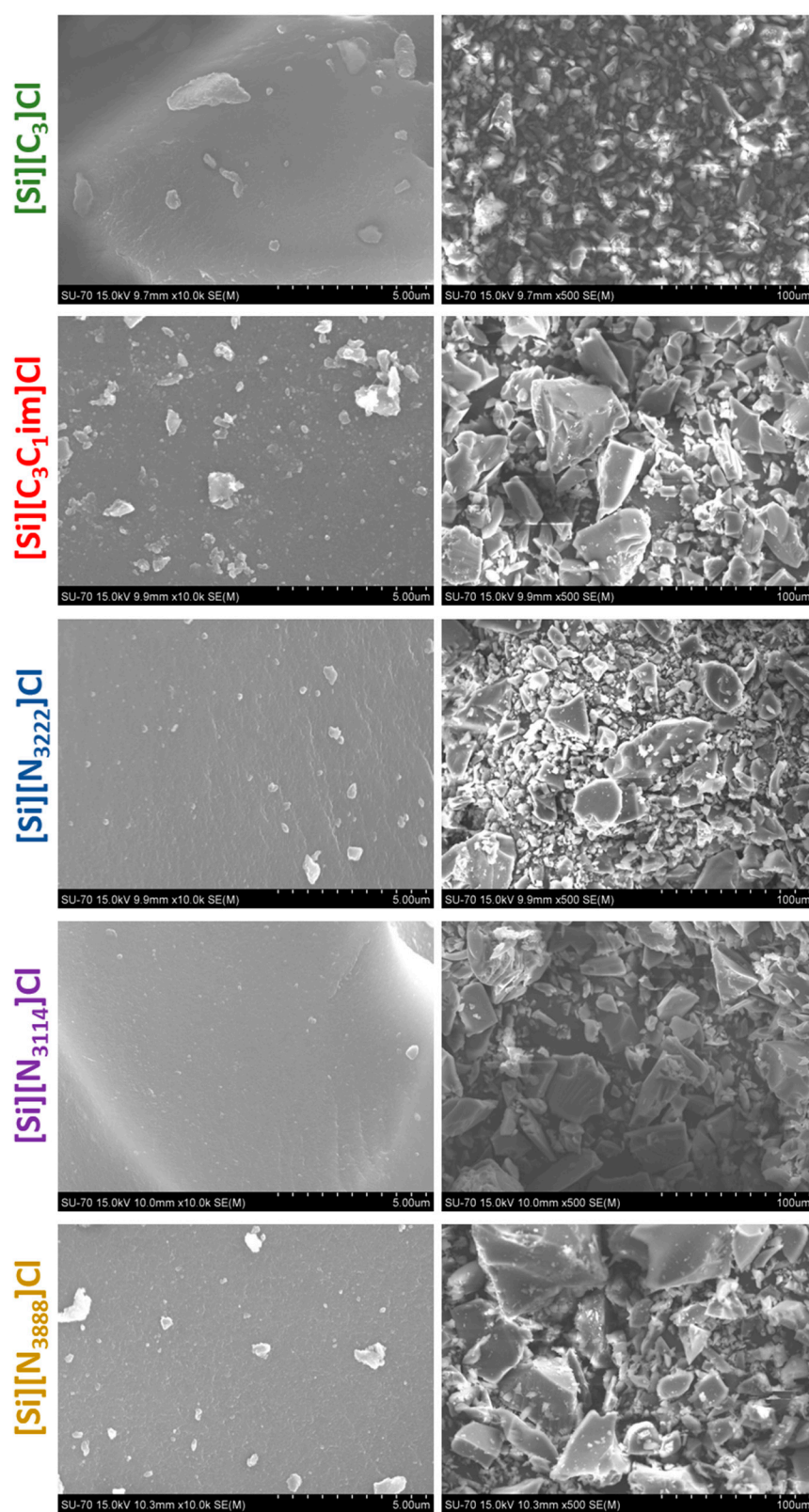


Figure S2. - SEM images of [Si][C₃]Cl and IL-functionalized silica supports.

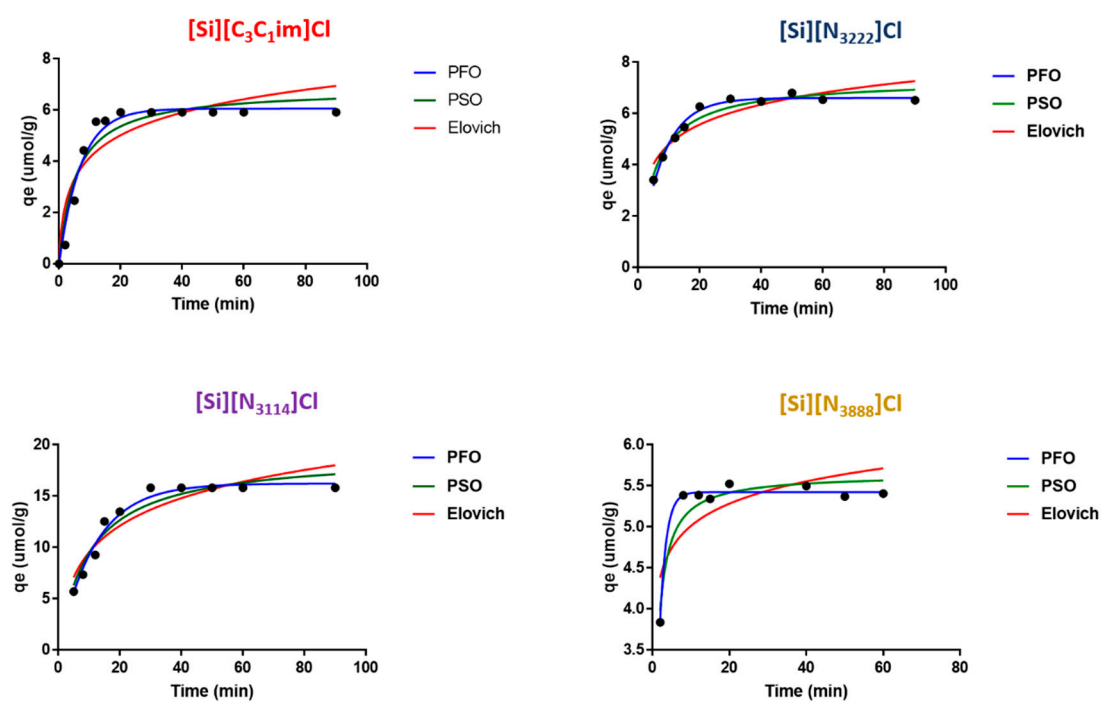


Figure S3. – Fitting of the adsorption kinetic data of tRNA onto IL-functionalized silica supports at 25°C by the PFO, PSO, and Elovich models.