Supporting Information

Figure S1

Synthesis of the hybrid fluorescent gold nanostars using LbL coatings with polyelectrolytes spacers and cationic chromophores (0<n<5).

Figure S2

Fluorescence images obtained with the Rhodamine B and AuStar(PSS-PDD)₀(PSS)₁ (left) and AuStar(PSS-PDD)₅(PSS)₁ (right).