

Electronic Supplementary Information

Self-assembled nanostructured biohybrid coatings by an integrated ‘sol-gel – intercalation’ approach

*José Maria Fuentes-Alventosa, Laura Introzzi, Nadia Santo, Guido Cerri, Antonio Brundu and
Stefano Farris*

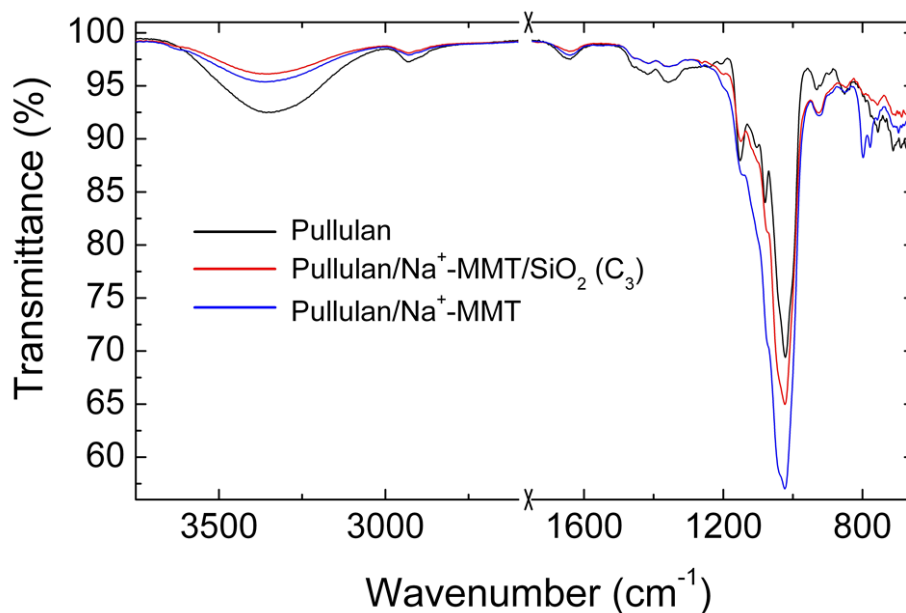


Figure S1. FTIR mean spectra of pullulan, pullulan/Na⁺-MMT, and pullulan/Na⁺-MMT/SiO₂ coatings within the 4000-600 cm⁻¹ range.

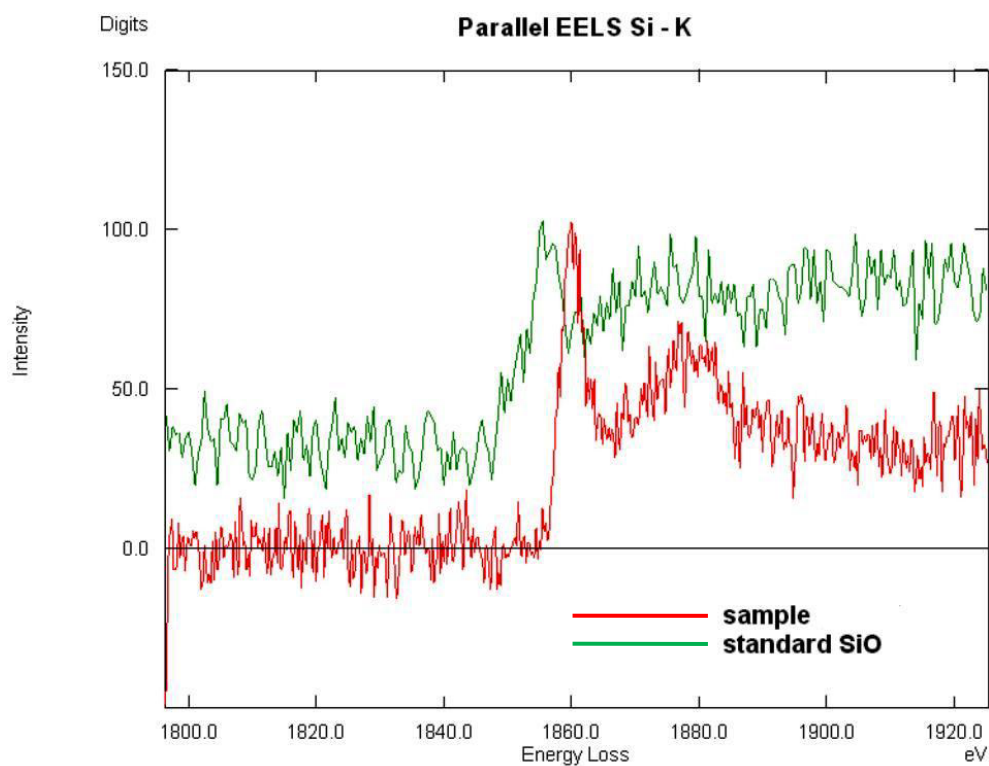


Figure S2. Electron Energy Loss Spectroscopy (EELS) spectrum of the cluster made of round-shape particles as discussed in the text.

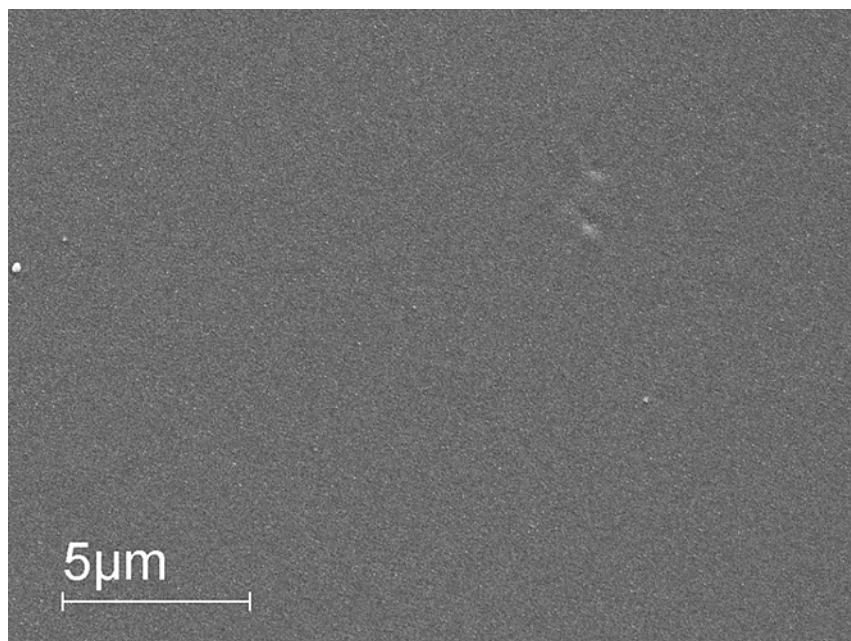


Figure S3. Surface SEM image of pullulan coating (formulation C₀ in the text).