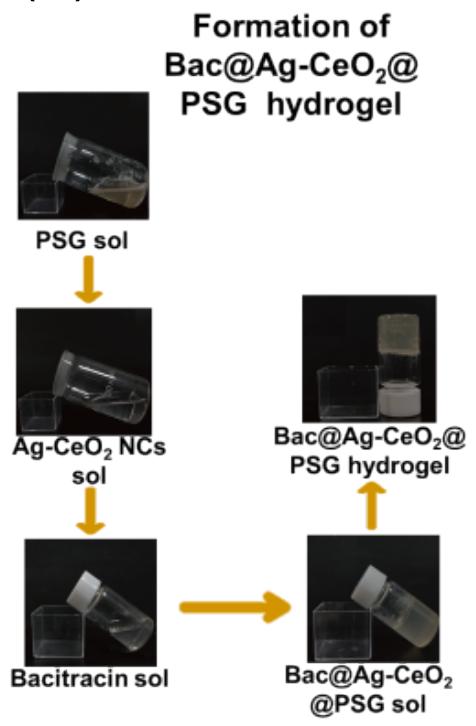
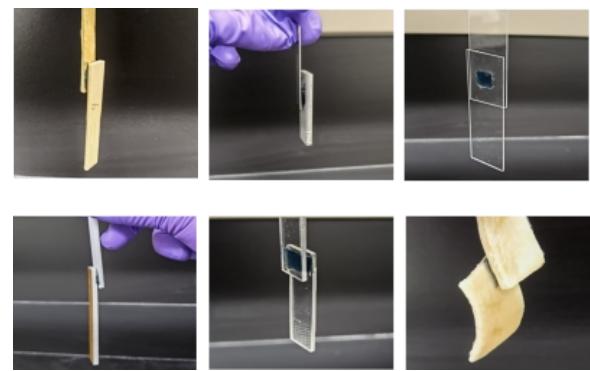


(A)

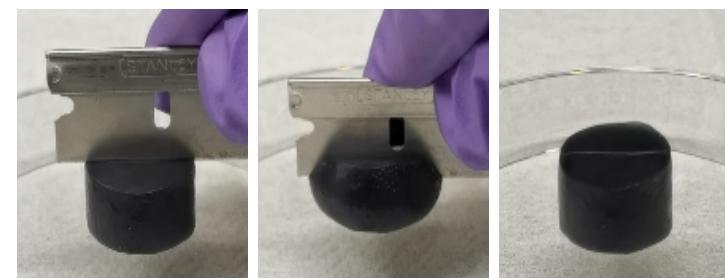


(B)



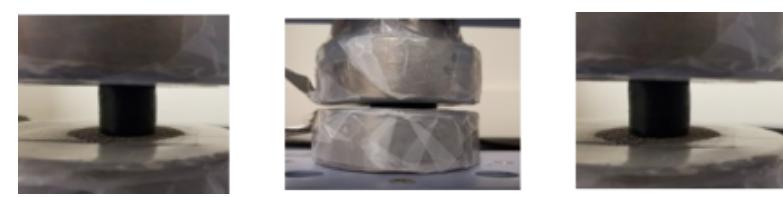
(C)

Toughness analysis



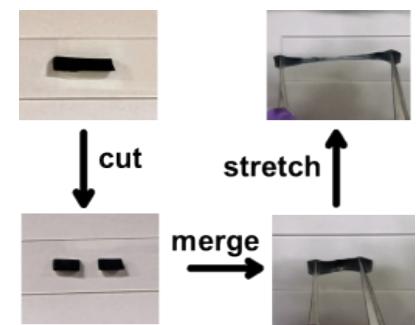
(D)

Compression process



(E)

Self healing process



(F)

