

Table S2. XPS binding energies of core levels present in AuNPs^{Tyr}, AuNPs^{Tyr@PTA}, AuNPs^{Tyr@PTA-Lys}, AuNPs^{Tyr@PMA} and AuNPs^{Tyr@PMA-Lys}.

Sample	Binding Energy (eV)					
	Au4f	W4f	Mo4f	C1s	N1s	O1s
AuNPs ^{Tyr}	83.63 87.53	-	-	285.00 287.32 293.33	399.65	532.18
AuNPs ^{Tyr@PTA}	83.46 87.36	35.81 37.91	-	285.00 286.82 288.96	-	531.00 532.79
AuNPs ^{Tyr@PTA-Lys}	83.66 87.56	35.86 37.96	-	285.00 286.58 288.55	399.96	531.57 530.76 533.42
AuNPs ^{Tyr@PMA}	83.33 87.23	-	231.83 235.03	285.00 287.66 288.09	398.01	531.33 533.01
AuNPs ^{Tyr@PMA-Lys}	83.65 87.55	-	232.46 235.51	285.00 286.55 288.17	399.46	531.98 535.42