Electronic Supplementary Material (ESI) for New Journal of Chemistry.

In Vitro Antiproliferative Activity of Palladium(II) Thiosemicarbazone Complexes and the Corresponding Functionalized Chitosan Coated Magnetite Nanoparticles

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Supplementary Information

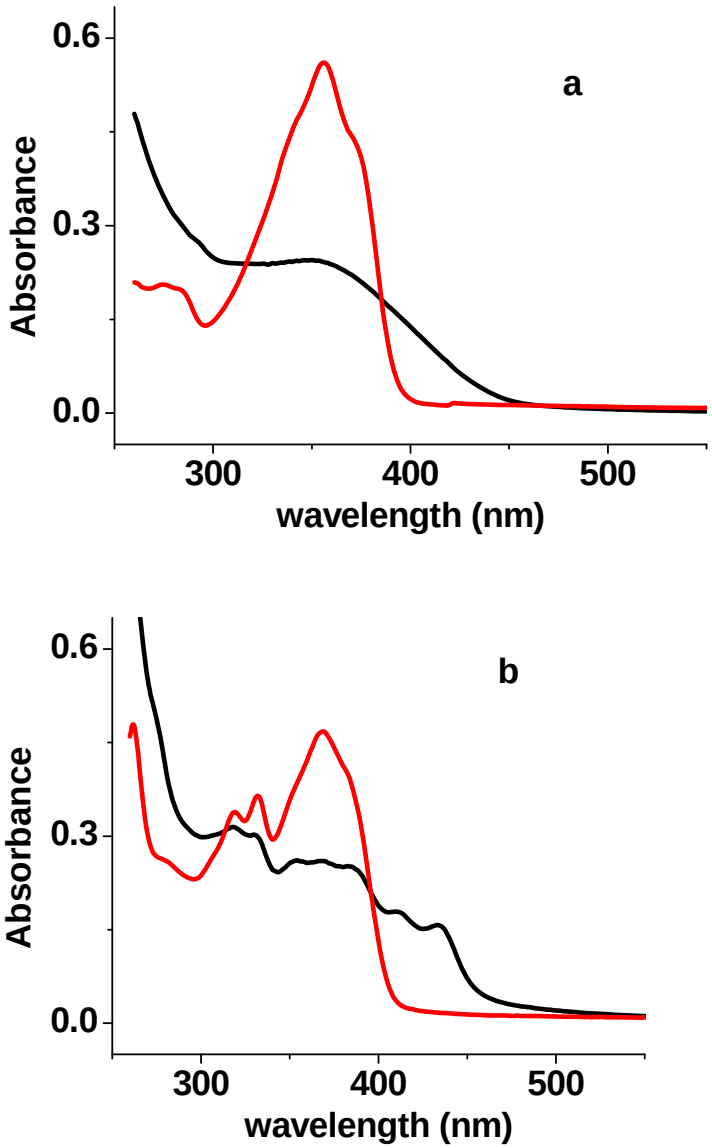
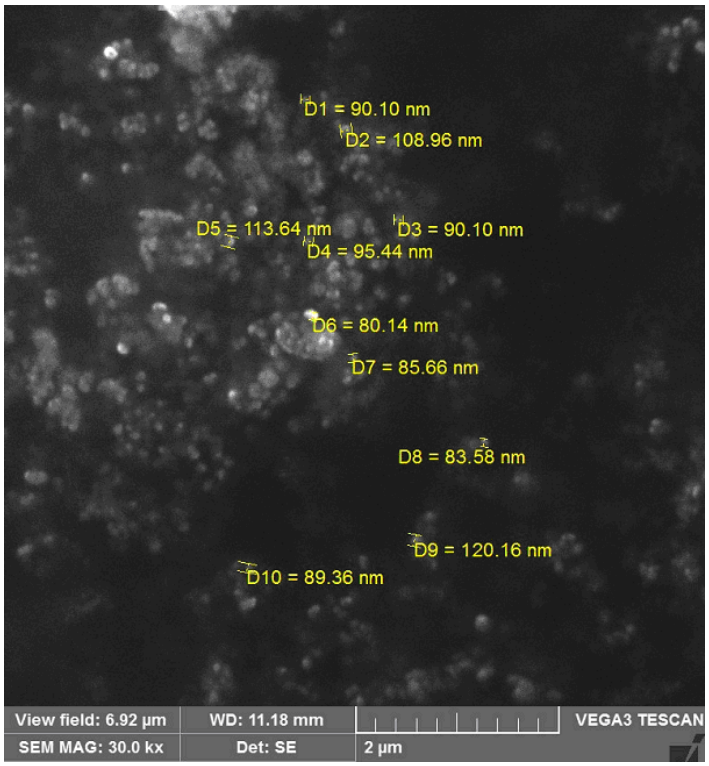
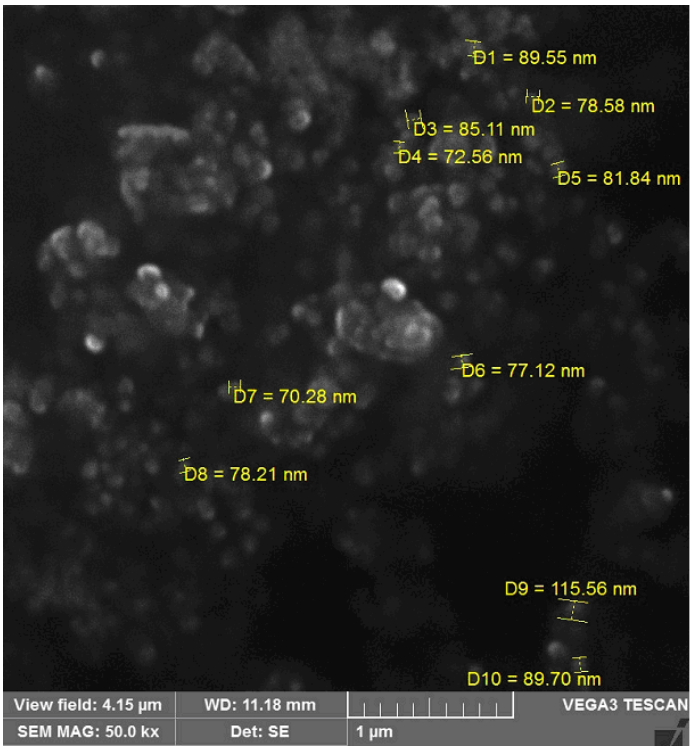


Figure S1. a) L^2H (red) and $Pd(L^2)_2$ (black); b) L^3H (red) and $Pd(L^3)_2$ (black).

a)

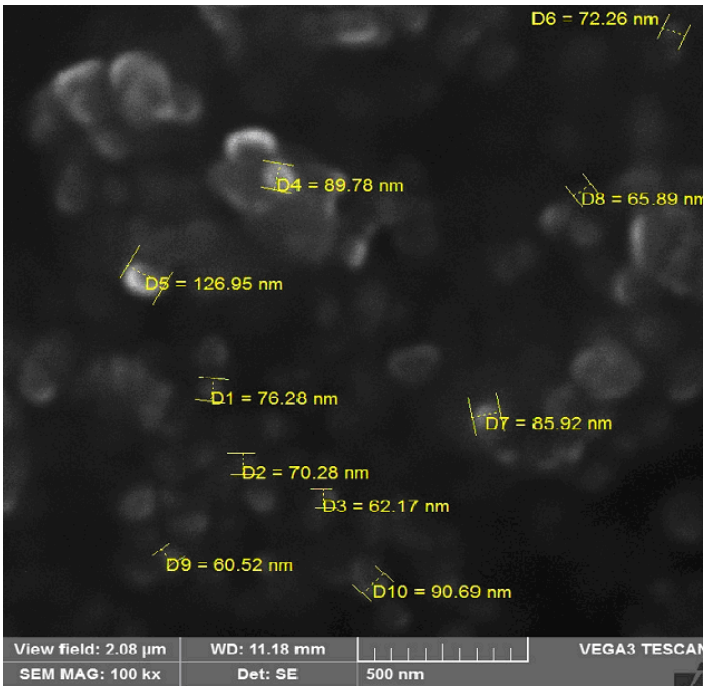


Value	d [nm]
Obj. count	10
Summation	957.15
Min. value	80.14
Max. value	120.16
Mean value	95.71
Std. dev.	13.00



b)

Value	d [nm]
Obj. count	10
Summation	838.51
Min. value	70.28
Max. value	115.56
Mean value	83.85
Std. dev.	12.22



c)

Value	d [nm]
Obj. count	10
Summation	838.51
Min. value	70.28
Max. value	115.56
Mean value	83.85
Std. dev.	12.22

Figure S2. SEM images of coated nanoparticles. a) magnification = 30.000, b) 50.000, c) 100.000

Table S1. Molar extinction coefficients of complexes

Complex	log ε (λ nm)
$Pd(L^1)_2$	4.29 (355); 4.30 (370); 4.24 (388)
$Pd(L^2)_2$	4.51 (350)
$Pd(L^3)_2$	4.46 (318); 4.44 (332); 4.41 (355); 4.41 (369); 4.40 (382) 4.25 (410); 4.19 (433)
$Pd(L^4)_2$	4.41 (319); 4.42 (331); 4.36 (358) 4.37 (373); 4.34 (389); 4.21 (422) 4.13 (444)