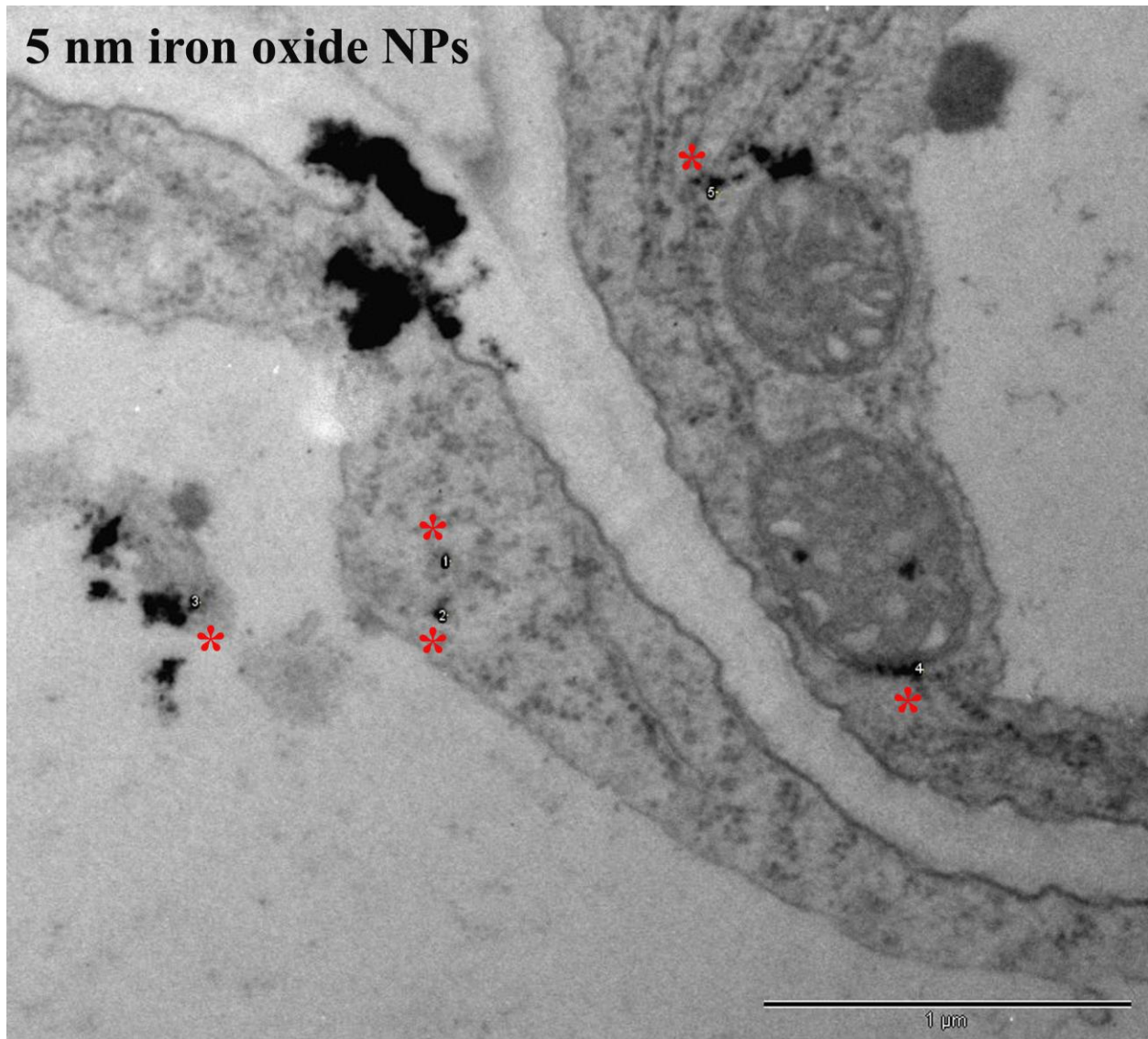
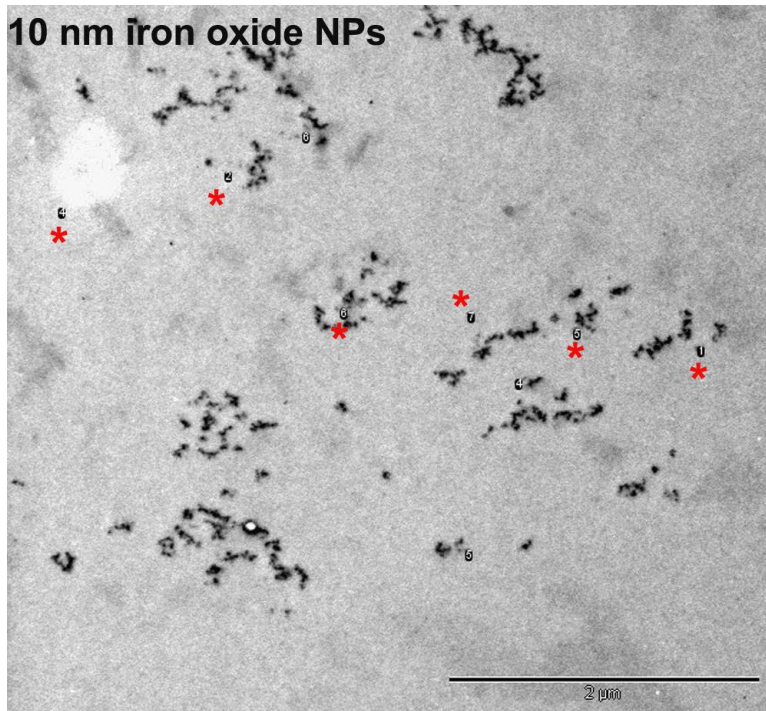


5 nm iron oxide NPs

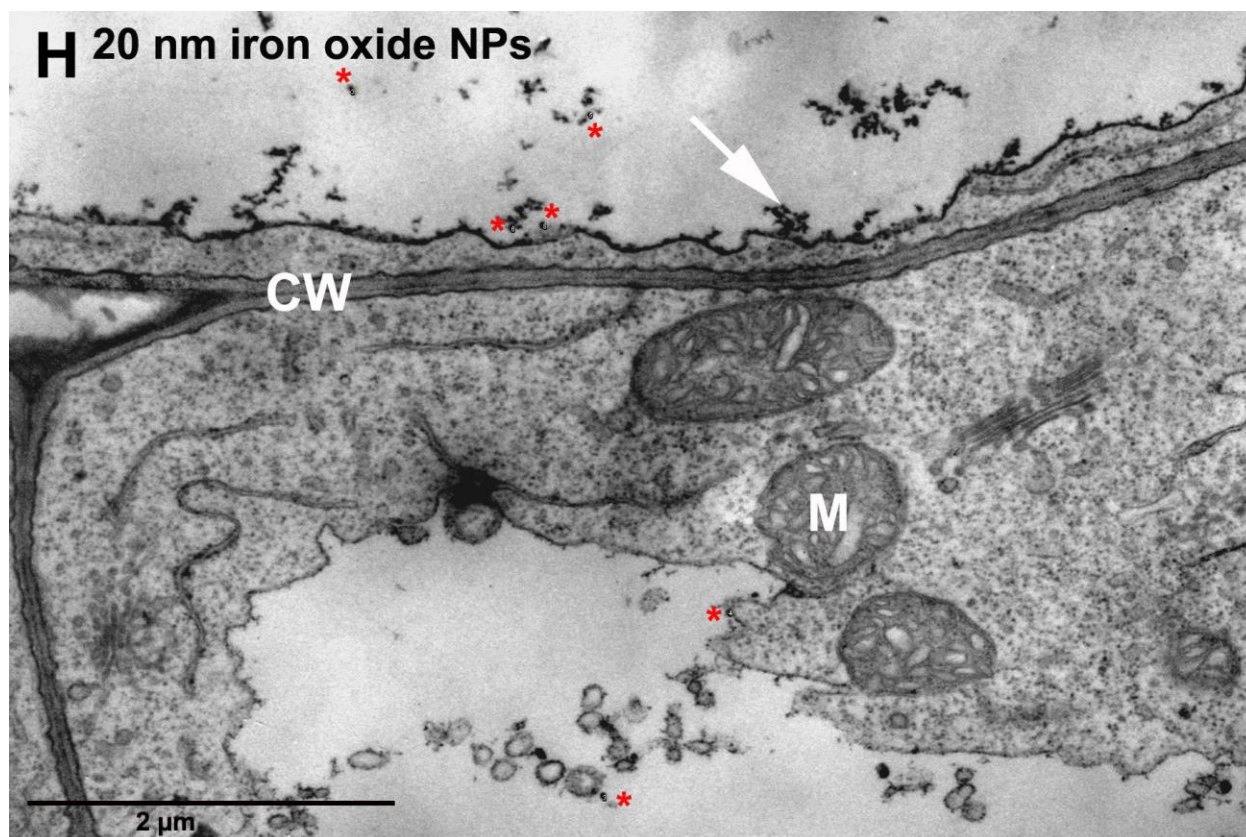


	Label	Area	Angle	Length (nm)
1	thin root; 5;30.jpg	6	180	5
2	thin root; 5;30.jpg	7	180	6
3	thin root; 5;30.jpg	6	168.69	5.099
4	thin root; 5;30.jpg	7	170.538	6.083
5	thin root; 5;30.jpg	8	180	7

10 nm iron oxide NPs



	Label	Area	Angle	Length (nm)
1	10 nm 3 mg/L	186	180	15.748
2	10 nm 3 mg/L	124	135	11.136
3	10 nm 3 mg/L	186	180	15.748
4	10 nm 3 mg/L	186	180	15.748
5	10 nm 3 mg/L	186	180	15.748
6	10 nm 3 mg/L	124	180	7.874
7	10 nm 3 mg/L	186	180	15.748



	Label	Area	Angle	Length (nm)
1	thin root;	102.758	180	22.989
2	thin root;	102.758	180	22.989
3	thin root;	132.118	180	30.651
4	thin root;	117.438	180	25.543
5	thin root;	102.758	180	22.989
6	thin root;	102.758	180	22.989

Fig. 2.Supplement: ImageJ measurements for different NPs sizes used in this study (5, 10, 20nm iron oxide)..