Supplementary Data

This supplementary data is a part of paper entitled "*Nicotiana tabacum* Mediated Green Synthesis of Silver Nanoparticles and Ag-Ni Nanohybrid: Optical and Antimicrobial Efficiency".

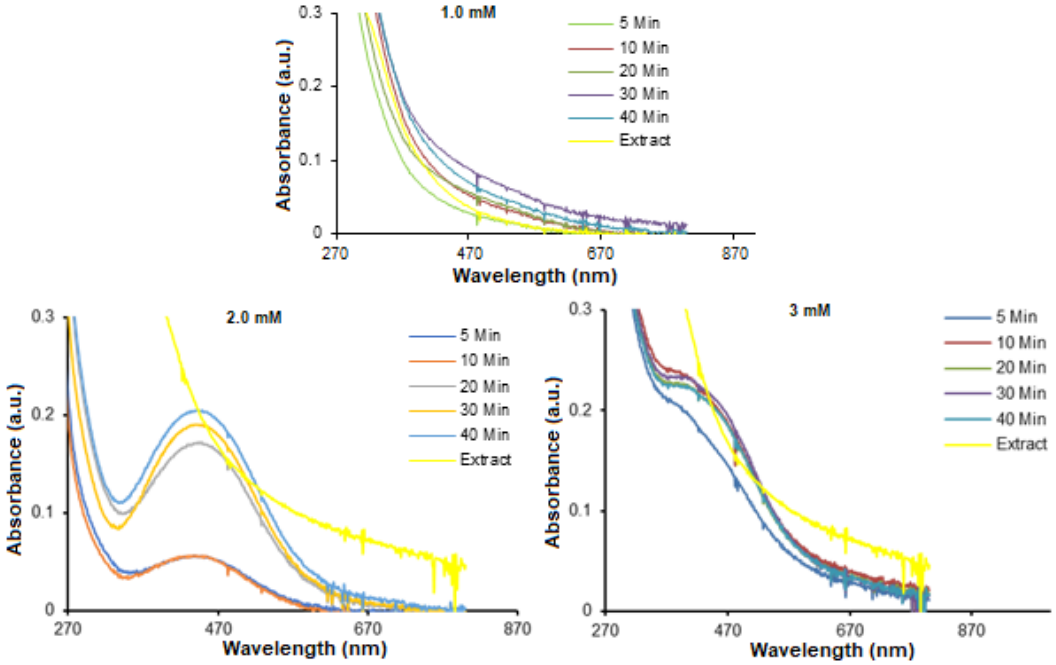

Fig S1. SPR of Ag NPs prepared from 1.0–3.0 mM precursor concentrations

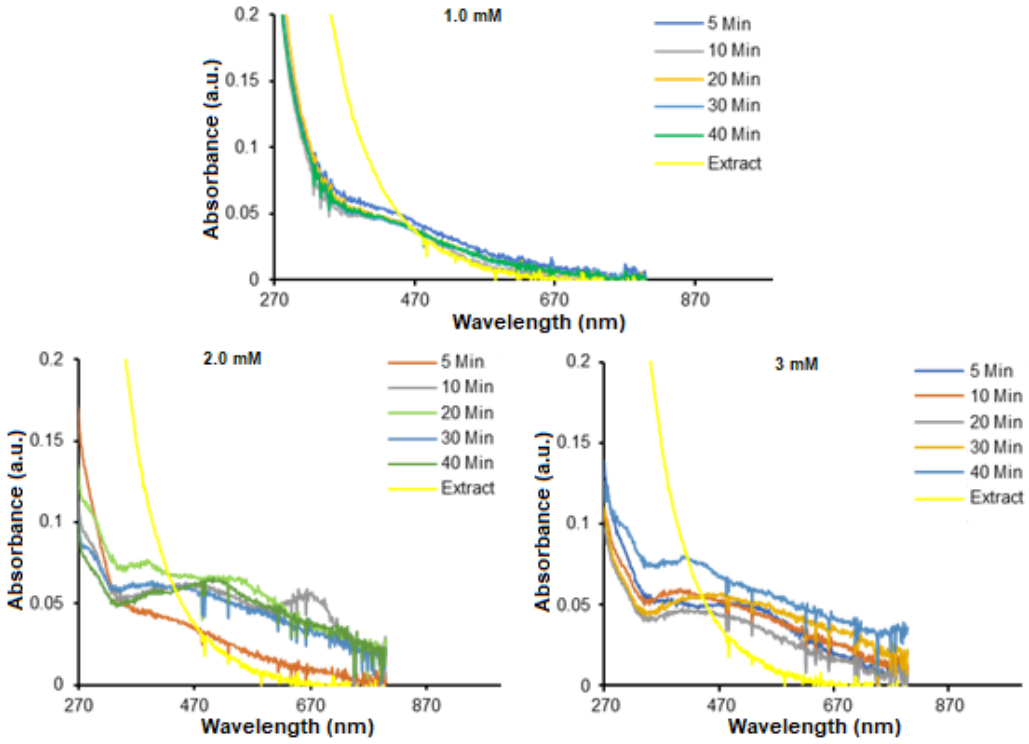

Fig S2. Absorption spectra of Ag-Ni NPs prepared from 1.0, 2.0 and 3.0 mM precursor concentrations at 80 °C

Table S3. The EDX Ag NPs prepared from the extract of *N. tabacum* leaves

Element	series	[wt.%]	[norm. wt.%]	[norm. at.%]	Error in %
Silver	L-series	71.22	89.11	85.52	0.77
Oxygen	K-series	5.28	3.99	9.87	1.11
Carbon	K-series	6.66	4.78	3.38	0.36
Nickel	K-series	0.83	0.99	0.62	0.09
Cobalt	K-series	0.03	1.11	0.60	0.09
Phosphorus	K-series	0.01	0.02	0.01	0.00
Sulphur	K-series	0.00	0.00	0.00	0.00
	Sum:	84.03	100.00	100.00	

Table S4. EDX of Ag-Ni bimetallic nanoparticles prepared with the extract of *N. tabacum* leaves

Element	series	[wt.%]	[norm. wt.%]	[norm. at.%]	Error in %
Silver	L-series	39.75	63.76	69.70	0.77
Oxygen	K-series	7.77	18.51	5.95	5.77
Carbon	K-series	13.03	14.85	13.70	0.21
Nickel	K-series	10.70	11.13	10.43	0.06
Cobalt	K-series	0.79	1.26	0.48	0.06
Phosphorus	K-series	0.27	0.44	0.32	0.04
Sulphur	K-series	0.03	0.06	0.04	0.00
	Sum:	62.35	100.00	100.00	