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Correction: Green-synthesised cerium oxide nanostructures ($\text{CeO}_2\text{-NS}$) show excellent biocompatibility for phyto-cultures as compared to silver nanostructures (Ag-NS)

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Correction for 'Green-synthesised cerium oxide nanostructures ($\text{CeO}_2\text{-NS}$) show excellent biocompatibility for phyto-cultures as compared to silver nanostructures (Ag-NS)' by Qaisar Maqbool, *RSC Adv.*, 2017, **7**, 56575–56585, <https://doi.org/10.1039/c7ra12082f>.

The author regrets that Fig. 4 and 5 of the original article did not appropriately represent the findings.

The correct version of Fig. 4 is shown below. In addition, the associated text on page 56578 "Experimental findings show total mass loss..." should be changed to "Experimental findings show total mass loss of 57.53% by $\text{CeO}_2\text{-NS}$ and 61.12% by Ag-NS."

Fig. 5 of the original article shows only the plot of selected data points. In order to provide clarity to readers, it should be replaced with the following original FTIR plots (complete scan).

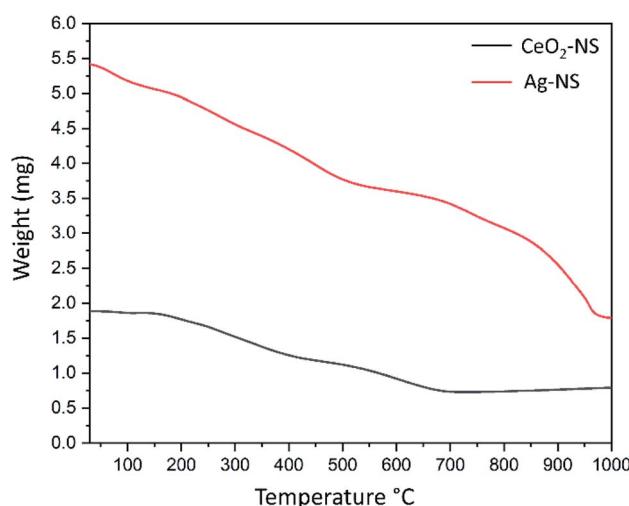
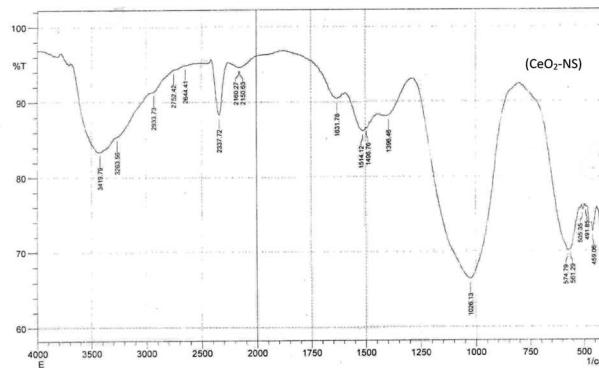


Fig. 4 Comparative TGA analysis of $\text{CeO}_2\text{-NS}$ and Ag-NS.

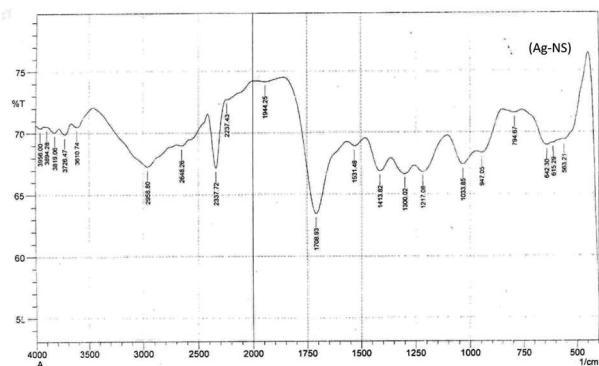
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Peak	Height	Corr. Height	Base (H)	Base (L)	Area	Corr. Area
1	450.06	27.387	462.92	441.7	2.757	0.091
2	491.85	24.084	495.71	486.06	1.152	0.006
3	505.35	24.469	539.21	497.63	1.392	0.021
4	561.29	29.763	584.14	522.27	5.869	0.759
5	574.79	29.145	721.07	597.07	1.583	
6	1026.13	33.557	26.2	1261.86	604.32	61.113
7	1308.46	11.808	0.123	1398.39	1288.45	4.65
8	1496.76	13.505	0.094	1498.69	1448.54	2.999
9	1514.12	13.908	1.126	1591.27	1500.62	4.98
10	1631.78	9.657	0.429	1735.93	1625.99	3.69
11	2150.63	5.381	0.022	2152.56	2000.56	3.142
12	2160.27	5.411	0.256	2250.56	2155.56	2.248
13	2231.72	11.557	0.162	2411.03	2285.71	5.465
14	2644.41	5.176	0.062	2852.12	2800.04	1.176
15	2752.42	5.755	0.014	2754.35	2654.05	2.449
16	2933.73	8.668	0.031	2935.66	2756.28	5.721
17	3263.56	14.583	0.041	3265.49	2976.16	15.727
18	3419.79	18.615	0.132	3427.51	3265.49	12.037



Peak	Height	Corr. Height	Base (H)	Base (L)	Area	Corr. Area
1	563.21	30.597	0.466	570.96	451.34	17.233
2	615.29	30.598	0.013	617.92	572.36	17.237
3	645.29	31.028	0.01	768.02	619.15	21.239
4	794.67	28.406	0.232	848.68	789.95	12.819
5	947.05	31.643	0.754	970.19	850.81	18.753
6	1033.85	32.575	1.642	1103.28	972.12	21.729
7	1217.08	33.177	1.131	1255.66	1105.21	25.185
8	1414.02	33.177	1.143	1341.59	1241.59	16.575
9	1414.02	33.123	1.782	1479.4	1363.67	19.512
10	1531.48	31.081	0.46	1564.27	1481.33	12.273
11	1708.93	36.543	8.362	1859.38	1566.2	47.98
12	1944.25	25.858	0.186	1990.54	1861.31	16.69
13	2237.43	27.313	0.037	2243.21	1992.47	33.724
14	2337.72	32.406	0.017	2411.14	2241.14	20.76
15	2644.41	31.614	0.471	2694.68	2412.95	43.963
16	2958.48	32.718	2.804	3482.22	2696.48	122.65
17	3610.74	29.51	0.65	3662.82	3464.15	29.348
18	3726.47	30.098	0.672	3776.62	3664.75	17.174
19	3819.06	29.924	0.015	3820.98	3778.55	6.511
20	3894.28	29.478	0.012	3919.35	3888.49	4.676
21	3956	29.601	0.199	4000.36	3921.28	12.007

Fig. 5 FTIR spectrum of CeO₂-NS and Ag-NS.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.