

Table S7: List of GSE included and excluded from the analysis.

Sample	Citation	doi
EMTAB6396	Scala & Kinaret e	10.1016/j.impact.2018.05.003
GSE103101	missing citation	
GSE112780	Snyder-Talkington	10.1080/15287394.2016.1159635
GSE113088	Vis et al. 2018 [8	10.1021/acsnano.8b03363
GSE117056	missing citation	
GSE122197	Ilves et al. 2019 [	10.1186/s12989-019-0309-1
GSE127773	Kooter et al. 2019	10.1021/acsnano.9b01823
GSE148705	Gallud et al. 2020	<a href="https://doi.org/10.1002/advs.202002221">https://doi.org/10.1002/advs.202002221</a>
GSE157266	Gallud et al. 2020	<a href="https://doi.org/10.1002/advs.202002221">https://doi.org/10.1002/advs.202002221</a>
GSE16727	Busch et al. 2010	10.1186/1471-2164-11-65
GSE16727	Busch W et al.	10.1186/1471-2164-11-65
GSE17676	Peng et al. 2010	10.1021/nl903043z
GSE19487	Halappanavar et	10.1002/em.20639
GSE20692	Eom et al. 2014 [	10.1016/j.toxlet.2014.05.019
GSE29042	Dymacek & Guo,	10.1109/BIBM.2011.76
GSE35193	Bourdon et al. 20	10.1093/toxsci/kfs119
GSE39330	Tuomela et al. 20	10.1371/journal.pone.0068415
GSE41041	Husain et al. 2013	10.1016/j.taap.2013.03.018
GSE42066	Tilton et al. 2014	10.3109/17435390.2013.803624
GSE42067	Tilton et al. 2014	10.3109/17435390.2013.803624
GSE42068	Tilton et al. 2014	10.3109/17435390.2013.803624
GSE43515	missing citation	
GSE45322	Osmond-McLeod	10.1186/1743-8977-10-54
GSE45598	Hussien et al. 20	10.1002/phy2.27
GSE4567	Karoly et al. 2007	10.1289/ehp.9556
GSE46998	Søs Poulsen et al	10.1371/journal.pone.0080452
GSE46999	Søs Poulsen et al	10.1371/journal.pone.0080452
GSE50176	Rydman et al. 20	10.1186/s12989-014-0048-2
GSE51186	Ronzani et al. 20	10.1093/jac/dku122
GSE51417	Teegarden et al	10.1186/s12989-014-0046-4

GSE51421	Aday et al. 2014	10.1039/C4RA04041D
GSE51636	Chernova et al. 2017	10.1016/j.cub.2017.09.007
GSE53700	Fede et al. 2014	10.3390/ijerph110908867
GSE55286	Poulsen et al. 2014	10.1016/j.taap.2014.12.011
GSE55349	Bajak et al. 2015	10.1016/j.toxlet.2014.12.008
GSE56324	Husain et al. 2015	10.3109/17435390.2014.996192
GSE56325	Husain et al. 2015	10.3109/17435390.2014.996192
GSE60797	Williams et al. 2014	10.3762/bjnano.6.252
GSE60798	Halappanavar et al. 2014	10.1002/em.21936
GSE60799	Halappanavar et al. 2014	10.1002/em.21936
GSE60800	Williams et al. 2014	10.3762/bjnano.6.252
GSE61366	Poulsen et al. 2015	10.1016/j.taap.2015.01.011
GSE62253	Böhmert et al. 2014	10.3109/17435390.2014.980760
GSE62769	Perkins et al. 2014	10.1093/hmg/ddu551
GSE63552	Nymark et al. 2015	10.3109/17435390.2015.1017022
GSE63806	Pisani et al. 2015	10.1186/s12864-015-1521-5
GSE68036	Husain et al. 2015	10.1016/j.taap.2015.11.003
GSE75429	Rahman et al. 2017	10.1016/j.mrgentox.2017.08.005
GSE79766	Gao et al. 2017	10.1186/s12951-017-0265-6
GSE81564	Rahman et al. 2017	10.1093/mutage/gew048
GSE81565	Rahman et al. 2017	10.1093/mutage/gew048
GSE81566	Rahman et al. 2017	10.1093/mutage/gew048
GSE81567	Rahman et al. 2017	10.1093/mutage/gew048
GSE81568	Rahman et al. 2017	10.1093/mutage/gew048
GSE81569	Rahman et al. 2017	10.1093/mutage/gew048
GSE82062	Guo et al. 2017	10.1080/17435390.2017.1403658
GSE84982	van der Zande et al. 2016	10.1080/17435390.2016.1225132
GSE85711	Kinaret et al. 2016	10.1021/acsnano.6b05652
GSE88786	Lastra et al. 2019	10.33218/prnano2(4).190802.1
GSE92563	Proquin et al. 2017	10.1016/j.dib.2017.11.067
GSE92900	Kinaret et al. 2016	10.1021/acsnano.6b08650
GSE92987	Kalmodia et al. 2017	10.1016/j.omtn.2017.10.012
GSE96720	Li et al. 2018	10.1093/toxsci/kfy090

































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