Reviewer’s report

Title: An in vitro assessment of panel of engineered nanomaterials using a human renal cell line: Cytotoxicity, pro-inflammatory response, oxidative stress and genotoxicity

Version: 2 Date: 4 April 2013

Reviewer: Marcin - Kruszewski

Reviewer’s report:

The Ms has been significantly improved, most comments and questions have been correctly addressed.

Discretionary Revisions

The Ms has been significantly improved, most comments and questions have been correctly addressed. There are still some points that need clarifying in the future and can be an interesting starting pint to the future work. For example, the observation that the hepatocytes took up all the nanomaterials to the similar extent is not a prove that HK-2 cells will do the same. We have recently shown that one type of nanomaterial is differentially taken up by three different cell lines that corresponds to ROS production http://dx.doi.org/10.1016/j.toxlet.2013.03.006.

However, taken together the Ms is suitable for publication in the present form.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I do not have any conflict of interest in this paper