

- Kim, B. Y., Rutka, J. T., and Chan, W. C. (2010). Nanomedicine. *N.Engl.J.Med.* **363**, 2434-2443.
- Knaapen, A. M., Borm, P. J., Albrecht, C., and Schins, R. P. (2004). Inhaled particles and lung cancer. Part A: Mechanisms. *Int. J. Cancer* **109**, 799-809.
- Lison, D., Thomassen, L. C., Rabolli, V., Gonzalez, L., Napierska, D., Seo, J. W., Kirsch-Volders, M., Hoet, P., Kirschhock, C. E., and Martens, J. A. (2008). Nominal and effective dosimetry of silica nanoparticles in cytotoxicity assays. *Toxicol. Sci.* **104**, 155-162.
- Lu, S., Duffin, R., Poland, C., Daly, P., Murphy, F., Drost, E., MacNee, W., Stone, V., and Donaldson, K. (2009). Efficacy of simple short-term in vitro assays for predicting the potential of metal oxide nanoparticles to cause pulmonary inflammation. *Environ. Health Perspect.* **117**, 241-247.
- Muller, J., Decordier, I., Hoet, P. H., Lombaert, N., Thomassen, L., Huaux, F., Lison, D., and Kirsch-Volders, M. (2008). Clastogenic and aneugenic effects of multi-wall carbon nanotubes in epithelial cells. *Carcinogenesis* **29**, 427-433.
- Napierska, D., Thomassen, L. C., Rabolli, V., Lison, D., Gonzalez, L., Kirsch-Volders, M., Martens, J. A., and Hoet, P. H. (2009). Size-dependent cytotoxicity of monodisperse silica nanoparticles in human endothelial cells. *Small* **5**, 846-853.
- Nemmar, A., Nemery, B., Hoylaerts, M. F., and Vermeylen, J. (2002). Air pollution and thrombosis: an experimental approach. *Pathophysiol. Haemost. Thromb.* **32**, 349-350.
- Oberdorster, G., Maynard, A., Donaldson, K., Castranova, V., Fitzpatrick, J., Ausman, K., Carter, J., Karn, B., Kreyling, W., Lai, D., Olin, S., Monteiro-Riviere, N., Warheit, D., and Yang, H. (2005). Principles for characterizing the potential human health effects from exposure to nanomaterials: elements of a screening strategy. Part *Fibre Toxicol.* **2**, 8.
- Philbrick, M. (2010). An anticipatory governance approach to carbon nanotubes. *Risk Anal.* **30**, 1708-1722.
- Powers, K. W., Brown, S. C., Krishna, V. B., Wasdo, S. C., Moudgil, B. M., and Roberts, S. M. (2006). Research strategies for safety evaluation of nanomaterials. Part VI. Characterization of nanoscale particles for toxicological evaluation. *Toxicol. Sci.* **90**, 296-303.
- Rabolli, V., Thomassen, L. C., Princen, C., Napierska, D., Gonzalez, L., Kirsch-Volders, M., Hoet, P. H., Huaux, F., Kirschhock, C. E., Martens, J. A., and Lison, D. (2010). Influence of size, surface area and microporosity on the in vitro cytotoxic activity of amorphous silica nanoparticles in different cell types. *Nanotoxicology.* **4**, 307-318.
- SCENIHR (Scientific Committee on Emerging and Newly Identified Health Risks). Opinion on the scientific basis for the definition of the term "nanomaterial". 8-12-2011.
- Schins, R. P. F. and Knaapen, A. M. (2007). Genotoxicity of poorly soluble particles. *Inhalation Toxicology* **19**, 189-198.
- Teeguarden, J. G., Hinderliter, P. M., Orr, G., Thrall, B. D., and Pounds, J. G. (2007). Particokinetics in vitro: dosimetry considerations for in vitro nanoparticle toxicity assessments. *Toxicol. Sci.* **95**, 300-312.
- Thomassen, L. C., Aerts, A., Rabolli, V., Lison D, Kirsch-Volders, M., Gonzalez, L., Napierska, D., Hoet, P. H., Kirschhock, C. E., and Martens, J. A. (2010) Synthesis and Characterization of Stable Monodisperse Silica Nanoparticle Sols for In Vitro Cytotoxicity Testing. *Langmuir* **26**, 328-335.

Thomassen LCJ, Napierska D, Lievens N, Jammaer J, Lison D, Kirschhock CEA, Hoet PH, Martens JA. Investigation of the Cytotoxicity of Nanozeolites A and Y. Submitted (2011b)

Tsuji, J. S., Maynard, A. D., Howard, P. C., James, J. T., Lam, C. W., Warheit, D. B., and Santamaria, A. B. (2006). Research strategies for safety evaluation of nanomaterials, part IV: risk assessment of nanoparticles. *Toxicol. Sci* **89**, 42-50.

Xia, T., Kovichich, M., Brant, J., Hotze, M., Sempf, J., Oberley, T., Sioutas, C., Yeh, J. I., Wiesner, M. R., and Nel, A. E. (2006). Comparison of the abilities of ambient and manufactured nanoparticles to induce cellular toxicity according to an oxidative stress paradigm. *Nano. Lett.* **6**, 1794-1807.