

3rd International Summit on **TOXICOLOGY & Applied Pharmacology**

October 20-22, 2014 DoubleTree by Hilton Hotel Chicago-North Shore, USA

Cell type- and size-dependent in vitro toxicity of silica particles in human skin cells

Claudia Moia, Huijun Zhu and Mousallam Almousallam Cranfield University, UK

Solution of cell viability and induction of apoptosis. This study demonstrated size-dependent toxicity of SiP and subsence of FBS than in the presence of cells was associated with the reduction of cell viability and induction of apoptosis. This study demonstrated size-dependent toxicity of SiP and subsence of FBS than in the presence of cells was where keratinocytes are located, SiP and induction with these cells, leading to toxicity.

Biography

Claudia Moia obtained her Graduate Degree in 2009 and her Master's Degree in October 2011 in Biotechnology at the University of Pavia (Italy). As of May 2012 she is working as an Early Stage Researcher in Cranfield University (UK) as part of EU-funded Marie Curie ITN (initial training programme) network called NANODRUG, aiming to complete her PhD in Toxicology in May 2015.

c.moia@cranfield.ac.uk