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# The 55th iCeMS SEMINAR

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**Mon 06 September 2010**  
**14:00-15:00**

**Engineering the Cell Biology and  
Cytotoxicity of Nanomaterials:  
The Case of Carbon Nanotubes**

Lecturer: **Prof. Kostas Kostarelos**  
Nanomedicine Lab, The School of Pharmacy  
University of London, U.K.

Venue: 2nd floor Seminar Room (#A207)  
Main Building, iCeMS Complex 1  
Kyoto University

In this lecture, specific examples of engineering carbon nanotube material to achieve control over their cell biology (binding, internalisation and intracellular trafficking) on interaction with cell cultures and the correlation with their cytotoxic impact and ensuing cell viability will be shown. Such engineering exercises are considered essential in the development of CNT for biomedical and eventually clinical use.

**Contact:** iCeMS Asst. Prof. Murakami at [murakami-g@icems.kyoto-u.ac.jp](mailto:murakami-g@icems.kyoto-u.ac.jp)  
**Hosted by:** iCeMS (Institute for Integrated Cell-Material Sciences), Kyoto University

