

One-day Czech-Japan Workshop on Nanoparticles for Bio-Applications

September 11th, 2015, from 9:30



Biomedical Center, Faculty of Medicine in Pilsen, Charles University, Alej Svobody 1655/76, Pilsen, seminar room (second floor).

Programme

Time	Authors	Title	Affiliation
9:30 – 9:35	J. Valenta	Introduction	Charles University, MFF, Prague
9:35 – 10:00	M. Fujii, et al.	Composites of water dispersible silicon nanocrystals	Kobe University, Japan
10:00 – 10:25	A. Fučíková et al.	Codoped Si nanoparticles in different solvents: Surface charges and aggregation ???	Charles University, MFF, Prague
10:25 – 10:50	L. Ostrovska et al.	Silicon nanoparticles in cell biology – from the primary challenges to the present findings	Charles University, LFP, Pilsen
<i>10:50 – 11:05</i>		<i>tea break</i>	
11:05 – 11:30	K. Holada et al.	The effect of protein corona on cellular toxicity of carbon nanotubes	Charles University, 1LF, Prague
11:30 – 11:55	A. Brož, Š. Potocký, A. Kromka, L. Bačáková	Interaction of diamond nanoparticles with human osteoblast-like Saos-2 cells studied by live cell imaging	Institute of Physiology ASCR, Prague, Czech R.
11:55 – 12:20	L. Bačáková, L. Staňková, Š. Potocký, A. Kromka, D. Stránská	Interaction of human bone cells with nanofibrous polymeric scaffolds loaded with nanodiamond particles	Institute of Physiology ASCR, Prague, Czech R.
<i>12:20 – 13:40</i>		<i>lunch break</i>	
13:40 – 14:05	B. Rezek et al.	Photoluminescence of nanodiamonds influenced by charge transfer from substrates	Institute of Physics ASCR, Prague, Czech R.
14:05 – 14:30	Š. Stehlík et al.	Microscopic and spectroscopic analysis of water interaction with nanodiamonds	Institute of Physics ASCR, Prague, Czech R.
14:30 – 14:55	Š. Potocký, K. Dragounová, T. Ižák, M. Varga, Z. Remeš, A. Kromka:	Fabrication of thin diamond films with Si-related colour centres	Institute of Physics ASCR, Prague, Czech R.

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