

FunMat Seminar in "Materials and Cell Interactions" 2017

ASA-building, Åbo Akademi University, Fänriksgatan 3, Turku

Dr. Tapani Viitala, Division of Pharmaceutical Biosciences, Uni of Helsinki

JS: Joel Songok
JR: Prof. Jessica Rosenholm

MM: Marco Mennillo
MP: Markus Pesonen

Dr. Maria Asplund, School of Soft Matter Research, University of Freiburg

RN: Rasmus Niemi
DS: Diosángeles Soto Véliz

ER: Emil Rosqvist
HB: Hongbo Zhang

Panel discussion

VP: Valeriy Paramonov

Registration at 8.30 Credits: 1 ECTS is awarded upon participation to the lectures and learning diaries writing

	Tuesday 16.5 ASA A120	Wednesday 17.5 ASA B311 Athena
09:00	Tapani Viitala, Uni of Helsinki Materials - cell interaction studies: General introduction and how to	Maria Asplund, Uni of Freiburg Biofunctional surfaces for interactive neural implants, part 1
10:30	90 min	90 min
Coffee Break		
11:00	Maria Asplund, Uni of Freiburg Implants, biofunctionality and biocompatibility	Invited short talks (15+5 min) MM: Sulfenamide containing polymers for bioapplications MP: Active control of cell growth through external stimulation ER: Experiment design: Cell response to a physico-chemical parameters HB: DNA nanoparticles as functional materials for biomedical applications
12:30	90 min	90 min
Lunch and posters (90min)		
14:00	Tapani Viitala, Uni of Helsinki Real-time label-free nanoparticle - cell interaction studies	Maria Asplund, Uni of Freiburg Biofunctional surfaces for interactive neural implants, part 2
15:30	90 min	90 min
Coffee Break		
16:00	Invited short talks (15+5 min) JS: Paper-based microfluidics JR: Nanoantibiotics against infectious diseases and for biofilm treatment RN: Nanotherapeutics for targeted treatment of cancer cell populations DS: Influence of mineral pigments on cell behaviour VP: A novel assay for targeted nanoparticles	Panel discussion "Latex polymers as a functional cell growth surface"
17:00		90 min
17:30	Closing Session	

Registration to <https://survey.abo.fi/lomakkeet/8814/lomake.html>

Deadline on May 14, 2017 at 23.59

The timetable is subject to change without notice We advise to visit frequently the webpage for the update www.funmat.fi

Dr Maria Asplund: <https://www.frias.uni-freiburg.de/de/das-institut/archiv-frias/school-of-softmatter/fellows/asplund>

Dr.Tapani Viitala: <https://tuhat.helsinki.fi/portal/en/person/taviital>



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