

## 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	<b>Tapani Viitala, Uni of Helsinki</b> Materials - cell interaction studies: General introduction and how to	<b>Maria Asplund, Uni of Freiburg</b> Biofunctional surfaces for interactive neural implants, part 1
10:30	90 min	90 min
<b>Coffee Break</b>		
11:00	<b>Maria Asplund, Uni of Freiburg</b> Implants, biofunctionality and biocompatibility	<b>Invited short talks (15+5 min)</b> 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
<b>Lunch and posters (90min)</b>		
14:00	<b>Tapani Viitala, Uni of Helsinki</b> Real-time label-free nanoparticle - cell interaction studies	<b>Maria Asplund, Uni of Freiburg</b> Biofunctional surfaces for interactive neural implants, part 2
15:30	90 min	90 min
<b>Coffee Break</b>		
16:00	<b>Invited short talks (15+5 min)</b> 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	<b>Panel discussion</b> "Latex polymers as a functional cell growth surface"
17:00		90 min
17:30	<b>Closing Session</b>	

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](http://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>



@funmat\_official