



# SFB 1112 SFB 1112 student symposium 20.10.2014 - 22.10.2014 Potsdam

Monday	20.10.2014	Tuesday	21.10.2014	Wednesday	22.10.2014
		Chair Session 3 Moritz Radbruch <b>Janna Frombach</b> "Penetration of dexamethasone and dexamethasone-loaded nanocarriers in excised human skin " C04	09.00 - 09.30	Chair Session 6 Moritz Radbruch <b>Falko Neumann</b> "Potential mechanisms for nanotoxicology " Z01	09.00 - 10.30
arrival	10:00	<b>Kenji Yamamoto</b> "Dexamethasone uptake in human skin investigated by Scanning Transmission X-ray Microscopy " B02	09:30 - 10:00	<b>Michael Giulbudagjain</b> "Development of Thermoresponsive Nanogels as Nanotransporters for the Transdermal Triggered Release of Drugs " A04	09:30 - 10:00
coffee	10:15 - 10:45	<b>Robert Schulz</b> "To model drug-transport by a drift-diffusion process: A stochastic approach " B04	10:00 - 10:30	<b>Lilli Löwenau</b> "Human epidermis reconstructed from UV-B irradiated keratinocytes to mimic skin ageing and application of nanocarriers " C02	10:00 - 10:30
Chair Session 1 Kenji Yamamoto <b>Michael Unbehauen</b> "ph-cleavable CMS Nanocarriers " A02	10:45 - 11:15	coffee	10:30 - 10:45	coffee	10:30 - 10:45
<b>Stefano Steffani</b> "TBA"	11:15 - 11:45	Chair Session 4 Hannah Pischon <b>Nadine Döge</b> "Controlled barrier disruption of excised human skin " C04	10:45 - 11:15	Chair Session 7 Hannah Pischon <b>Toufik Naolou</b> "Synthesis of morpholine-2,5-diones and their polymerization to poly(depsipeptides) " A03	10:45 - 11:15
<b>Alexander Edlich</b> "Interaction between nanocarriers and antigen-presenting cells of the skin " Z01	11:45 - 12:15	<b>Stefan Hönzke</b> "Establishment of an Inflammatory Filaggrin Deficient Skin Model " C02	11:15 - 11:45	<b>Sora Jung</b> "Triggered release of nanoparticles "	11:15 - 11:45
lunch	12:15 - 13:45	<b>Nadia Brunacci</b> "Influence of Functionalities on Nanoparticle Properties: Depsipeptide Nanoparticles with Tailored Sequences as Drug Delivery Systems " A03	11:45 - 12:15	<b>Jens-Thorsten Ollek</b> "TBA"	11:45 - 12:15
Chair Session 2 part 1 Michael Unbehauen <b>Mathias Dimde</b> "Synthesis of pH responsive Nanogels " A04	13:45 - 14:15	lunch	12:15 - 13:45	lunch	12:15 - 13:45
<b>André Klosek</b> "Application of Stimulated Raman Scattering Microscopy in SFB 1112 " B02	14:15 - 14:45	Chair Session 5 Kenji Yamamoto <b>Karolina Walker</b> "Biodegradable CMS Nanocarriers for the transport of sterically demanding guest molecules " A02	13:45 - 14:15	Chair Session 8 Kenji Yamamoto <b>Siavash Saeidpour</b> "Influence of Environment on Spin Labelled Dexamethason " B01	13:45 - 14:15
<b>Fang Du</b> "TBA"	14:45 - 15:15	<b>Silke Lohan</b> "EPR spectroscopic investigations of drug delivery and release of nanocarriers into cutaneous cells and excised skin " B01	14:15 - 14:45	<b>Christian Gerecke</b> "Toxicity of native and drug-loaded nanocarriers " Z01	14:15 - 14:45
coffee	15:15 - 15:45	<b>Bartosz Kowalik</b> "Molecular Dynamic Simulations of Lipid ilayers: Hydration Pressure, Phase Transition and Diffusion " B04	14:45 - 15:15	<b>Feedback/Discussion</b>	14:45 - 15:15
Chair Session 2 part 2 Michael Unbehauen <b>Hannah Pischon</b> "Nanocarriers in the skin of Psoriasis-like Dermatitis mouse model: Penetration, effects of barrier dysfunction in diseased skin and improved targeting of Inflammation " C03	15:45 - 16:15	coffee	15:15 - 15:45	coffee	15:15 - 15:45
<b>Moritz Radbruch</b> "Nanocarriers in the skin of the Atopic Dermatitis model: Penetration, effects of barrier dysfunction in diseased skin and improved targeting of Inflammation " C03	16:15 - 16:45	Chair Kenji Yamamoto <b>Emanuel Fleige</b>	15:45 - 17:00	Chair Michael Unbehauen <b>Prof Dr. Landfester</b>	15:45 - 17:00
break	17:00 - 17:15	break	17:00 - 17:15	break	17:00 - 17:15
discussion	17:15 - 18:45	discussion	17:15 - 18:45	Chair Michael Unbehauen <b>PD Dr. Mailänder</b>	17.15 - 18.30
dinner	20:00	dinner	20:00	dinner	20:00
				departure	