

**BB3R Spring School 2015*****In vitro* Methods**

Institute of Pharmacy, Königin-Luise-Str. 2+4

Seminarraum 1 (ground floor)



<b>16.03.2015</b>	<b>Monday</b>		
09:00	Welcome Address		Prof. M. Schäfer-Korting (FUB)
09:15	The 3 R concept and modern approaches - the -omics techniques, bioinformatics, adverse outcome pathways	SR 1	Prof. H. Spielmann (FUB)
10:00	Skin models in fundamental research and preclinical drug development	SR 1	Prof. M. Schäfer-Korting (FUB)
11:00	Introduction to non-invasive in vivo online-evaluation of the morphology and function of the skin penetration (human/rodent)	SR 1	Prof. J. Lademann (Charité)
11:45	Lunch Break		
12:45	Introduction in assay procedures - 3T3 NRU	SR 1	Dr. V. Kral (FUB)
13:45	Practical Training 3T3 NRU Phototoxicity Test (cell seeding)	Lab 1/ Lab 2	Dr. V. Kral (FUB)/ C. Wolff (FUB)
17:00	End of Day 1		
<b>17.03.2015</b>	<b>Tuesday</b>		
09:00	Testing for skin hazards, OECD guidelines	SR 1	Dr. S. Letašiová (MatTek)
10:00	Introduction in assay procedures - Skin Irritation Test (SIT)	SR 1	Dr. S. Letašiová (MatTek)
11:00	Practical Training 3T3 NRU PT (substance appl., UV irradiation)	Lab 1/ Lab 2	Dr. V. Kral (FUB)/ C. Wolff (FUB)
12:00	Lunch Break		
13:30	Practical Training 3T3 NRU PT (washing)	Lab 1/ Lab 2	Dr. V. Kral (FUB)/ C. Wolff (FUB)
14:30	Practical Training SIT (Substance application, washing)	Lab 1/ Lab 2	Dr. S. Letašiová (MatTek), Dr. V. Kral (FUB), G. Müller (FUB)
17:00	End of Day 2		
<b>18.03.2015</b>	<b>Wednesday</b>		
09:00	Introduction in Skin Penetration/Permeation	SR 1	C. Zoschke (FUB)
10:00	Practical Training Franz Cell Experiments	SR 1	C. Zoschke (FUB)
12:00	Practical Training 3T3 NRU PT (NR application)	Lab 1/ Lab 2	Dr. V. Kral (FUB)/ C. Wolff (FUB)
12:30	Lunch break		
13:30	Practical Training Franz Cell Experiments	Lab 4	C. Zoschke (FUB)
15:30	Practical Training 3T3 NRU PT (Evaluation)	Lab 1/ Lab 2	Dr. V. Kral (FUB)/ C. Wolff (FUB)
17:00	End of Day 3		
<b>19.03.2015</b>	<b>Thursday</b>		
09:00	Practical Training SIT (MTT application)	Lab 1/ 2	Dr. S. Letašiová (MatTek) , Dr. V. Kral (FUB), G. Müller (FUB)
10:00	Introduction Phototox Software (+ Practical Training)	PC-Pool	C. Wolff (FUB)
12:00	Lunch Break		
13:00	Practical Training SIT (Evaluation)	Lab 1	Dr. S. Letašiová (MatTek), Dr. V. Kral (FUB), G. Müller (FUB)
16:30	Summary and Discussion	SR 1	Prof. M. Schäfer-Korting (FUB)
17:00	End of Day 4		