

Lecture 3rd Semester Advanced Materials (Winter semester 2011/2012)

Topic „Biomaterials“

Wednesday 15:15 -16:45

Institute of Orthopaedic Research and Biomechanics

Helmholtzstraße 14, 89081 Ulm

Date	Topic	Speaker
	Host Reactions to Biomaterials	
19.10.2011	Nachklausur	
26.10.2011	In vivo tissue reactions to biomaterials	Neidlinger-Wilke
02.11.2011	Auxiliary date	
09.11.2011	Systemic effects of biomaterials	Brenner
16.11.2011	Blood reactions to biomaterials	Wendel
23.11.2011	Inflammation and immunogenic reactions to biomaterials	Bindl
30.11.2011	In vitro cell-biomaterials reactions	Ignatius
	Testing of Biomaterials	
07.12.2011	In vitro testing of biomaterials	Ignatius
14.12.2011	In vivo testing of biomaterials (animal models)	Claes
21.12.2011	Auxiliary date	
28.12.2011	No lecture	
04.01.2012	No lecture	
11.01.2012	Biological evaluation of medical devices (<i>will take place in combination with the Excursion to MDT Ochsenhausen</i>)	Dannhorn
18.01.2012	Biomechanical testing of biomaterials	Dürselen
	Degradation of Polymers Production of Biomaterials	
25.01.2012	Degradation of Polymers (<i>will take place in combination with the Excursion to ITV Denkendorf</i>)	Dauner
01.02.2012	Excursion CeramTec (Plochingen, one day)	
08.02.2012	Excursion Aesculap (Tuttlingen, one day)	
15.02.2012	Corrosions of metals	Tautzenberger
	Written test	Ignatius