



Full Syllabus



Course Title	
Antibody Engineering	
Lecturer	
Prof. Itai Benhar	
Semester	
1 st 2 credit points	
Course requirements	
Immunology course pre-requirement	
Final grade components	
100% multiple choice exam – 3 hr 40 questions	
Course schedule	
Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	Introduction
2	Introduction continued
3	Generation of diversity
4	Armed antibodies
5	Cloning antibody genes by PCR
6	Humanization of antibodies
7	Stabilization of antibodies
8	Developability
9	Antibody discovery using transgenic animals
10	Antibody phage display
11	Additional display technologies
12	
13	
Required course reading	
None	
Optional course reading	
None	
Comments	
No special comments	