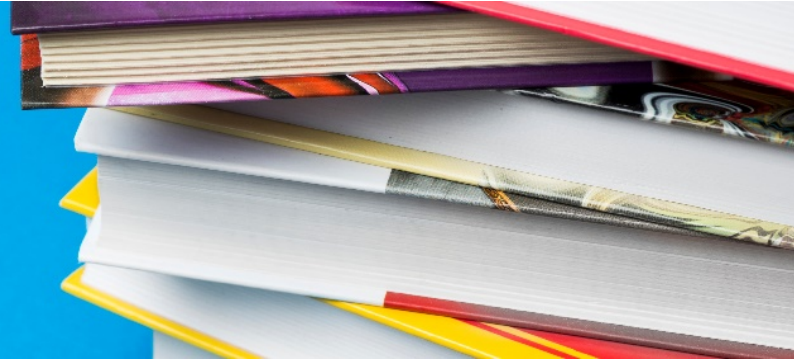




# Full Syllabus



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