

MOL201 Syllabus – Eksamensrelevant pensum (V2017)

Textbook: Molecular Cell Biology, H. Lodish et al., 8th edition (2016)

Chapter	Pages
11	495-501
13	583-616 619-627
14	631-666 (till section 'Retroviruses bud from') 667 (from 'The autophagic pathway') - 669 (not Fig. 14-34)
15	673-680 686-693 (till section 15.4) 699-706 (till section 'Multiple mechanisms suppress') 708-714 (till section 'Integration of Ca ²⁺ and cAMP')
16	719-724 (till section 'The Smad3/Smad4 complex') 726-746 (till section 'G protein-coupled receptors transmit') 748-753 (till section 'Concentration gradients of Wnt')
17	775-802 (till section 'Myosin heads take discrete') 803-807 811-816 (till section 'Migrating cells are steered')
18	821-841 (till section 'Kinesins and dyneins cooperate') 844-848 (till section 'Defects in primary cilia') 849 (from section 18.6) - 860 (till section 'Plant cells reorganize ...') 861-868 (till section 'Advancement of neural')
19	873-876 882-909 (till section 'The spindle position checkpoint')
20	921-952 (till section 'Type I and II collagens associate ...') 953 (from 'Proteoglycans and their') - 964 (till 'Connections between ...')
21	975-977 (till section 21.1) 980-984 (including Fig. 21-7) 987 (from section 21.3) -989 991-995 1000-1008 (till section 'The planar cell polarity ...') 1011-1022
22	1025-1031 (till section 'Neural stem cells form ...') 1034-1046 (till section 'Light-activated ion channels') 1048-1060
24	1135-1157 (till section 'Molecular biology is changing') 1159-1166 (till section 'Loss of DNA-repair systems')

TOTAL: approx. 390 pages. The syllabus is reduced further by the removal of all MEDICAL-sections.