

## MOL201 Syllabus – Eksamensrelevant pensum (V2018)

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

<u>Chapter</u>	<u>Pages</u>
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 <sup>2+</sup> 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.**