

PHARMACEUTICAL BIOLOGY I.						
2021/22. autumn, 1st semester						
Lectures	Lecturer	Monday	Tuesday	Wednesday	Week	Seminar: P1 group on Monday
Introduction	Katalin Sipos	09.06 - 09.10.			1. (36.)	Macromolecules of the cell Gergely Jánosa
Building blocks of the cell	Katalin Sipos	2021.09.06	2021.09.07	2021.09.08		
Pro-, and eukaryotic cells	Adrienn Horváth					
		Monday	Tuesday	Wednesday		
Cell testing methods I.	Ramóna Pap	09.13 - 09.17.			2. (37.)	Cytoskeleton Edina Pandur
Cell testing methods II.	Ramóna Pap	2021.09.13	2021.09.14	2021.09.15		
Genome and gene expression	Gergely Jánosa					
		Monday	Tuesday	Wednesday		
Stem cells	Viktor Soma Poór	09.20 - 09.24.			3. (38.)	Separation methods Gergely Jánosa
Cell membrane, nucleus	Gergely Jánosa	2021.09.20	2021.09.21	2021.09.22		
DNA structure, function	Edina Pandur					
		Monday	Tuesday	Wednesday		
Chromosomes, chromatin, genome	Edina Pandur	09.27 - 10.01.			4. (39.)	Detection in molecular biology Ramóna Pap
Mitochondria: structure, mt DNA	Gergely Jánosa	2021.09.27	2021.09.28	2021.09.29		
ER, endosomes, Golgi	Edina Pandur					
		Monday	Tuesday	Wednesday		
Genetic code	Ramóna Pap	10.04 - 10.08.			5. (40.)	Cell structure, summary Ramóna Pap
Replication I.	Viktor Soma Poór	2021.10.04	2021.10.05	2021.10.06		
Replication II.	Viktor Soma Poór					
		Monday	Tuesday	Wednesday		
Repair mechanisms	Ramóna Pap	10.11 - 10.15.			6. (41.)	Basics of PCR Adrienn Horváth
Gene regulation - prokaryots	Gergely Jánosa	2021.10.11	2021.10.12	2021.10.13		
Prokaryotic transcription	Ramóna Pap					
		Monday	Tuesday	Wednesday		
Eukaryotic transcription	Ramóna Pap	10.18 - 10.22.			7. (42.)	Sequencing methods Viktor Soma Poór
mRNA, tRNA, rRNA - maturation	Ramóna Pap	2021.10.18	2021.10.19	2021.10.20		
Regulation of transcription	Gergely Jánosa					
		Monday	Tuesday	Wednesday		
Generegulation: eukaryots I-II.	Gergely Jánosa	10.25 - 10.29.			8. (43.)	Consultation about the 1-7. weeks Edina Pandur
Transcription factors	Edina Pandur	2021.10.25	2021.10.26	2021.10.27		
Translation I.	Edina Pandur					
		Monday	Tuesday	Wednesday		
Cancelled lecture due to All Saints' Day		11.01 - 11.05.			9. (44.)	Viruses P1 cancelled - voice over Ramóna Pap
Translation II.	Edina Pandur	2021.11.01	2021.11.02	2021.11.03		
Translation III.	Edina Pandur					
		Monday	Tuesday	Wednesday		
Posttranslational modifications	Edina Pandur	11.08 - 11.12.			10. (45.)	Human Genome Project Ramóna Pap
Protein degradation	Ramóna Pap	2021.11.08	2021.11.09	2021.11.10		
Distribution and analysis of proteins I.	Gergely Jánosa					
		Monday	Tuesday	Wednesday		
Distribution and analysis of proteins II.	Gergely Jánosa	11.15 - 11.19.			11. (46.)	Methods in pharmaceutical research Edina Pandur
Proteins - summary	Gergely Jánosa	2021.11.15	2021.11.16	2021.11.17		
Protein migration: nucleus, ER, mitochondria	Ramóna Pap					
		Monday	Tuesday	Wednesday		
Protein migration: Golgi, lysosomes	Ramóna Pap	11.22 - 11.26.			12. (47.)	Protein migration Ramóna Pap
Antibiotics	Gergely Jánosa	2021.11.22	2021.11.23	2021.11.24		
Cell cycle I.	Gergely Jánosa					
		Monday	Tuesday	Wednesday		
Cell cycle II.	Gergely Jánosa	11.29 - 12.03.			13. (48.)	Mechanism of action of antibiotics Gergely Jánosa
Mitosis I.	Viktor Soma Poór	2021.11.29	2021.11.30	2021.12.01		
Mitosis II.	Viktor Soma Poór					
		Monday	Tuesday	Wednesday		
Meiosis I.	Edina Pandur	12.06 - 12.10.			14. (49.)	Consultation Edina Pandur
Meiosis II.	Edina Pandur	2021.12.06	2021.12.07	2021.12.08		
Consultation	Edina Pandur					