

Medicine ó I semester 2023\_2024 Histology and Embryology; Cytophysiology

	1 <sup>st</sup> 45 minutes of classes	2 <sup>nd</sup> 45 minutes of classes	3 <sup>rd</sup> 45 minutes of classes	4 <sup>th</sup> 45 minutes of classes	Gr.	Date, time
1.	Regulation of The Department 1C. METHODS IN HISTOLOGY A. Kolasa /A. Pilutin	1. Introduction to tissues. FERTILIZATION, IMPLANTATION, TWINS A. Pilutin/D. Szypulska-Koziarska	1E. GASTRULATION, GERM LAYERS, EPITHELIA ORIGIN A.Wilk/Rzeszotek	2. Fetal membranes D. Szypulska-Koziarska/Rzeszotek	N2 N1 N4 N3	3.10.2023, 8:00-11:00 3.10.2023, 11:15-14:15 5.10.2023; 10:00-13:00 9.10.2023; 10:00-13:00
2.	3. Epithelial tissue+Exocrine glands A. Wilk/A. Kolasa	4. Epithelial tissue+Exocrine glands A. Wilk/A. Kolasa	Practical classes	Practical classes	N2 N1 N4 N3	10.10.2023, 8:00-11:00 10.10.2023, 11:15-14:15 12.10.2023, 10:00-13:00 16.10.2023, 10:00-13:00
3.	5. Connective tissue Adipose tissue A.Pilutin/A. Wilk	Practical classes	2C. CELL CYCLE A. Pilutin/K. Misiakiewicz-Has	<b>3C.CYTOSKELET ON e-L</b> A.Kolasa /D. Szypulska-Koziarska	N2 N1 N4 N3	17.10.2023, 8:00-11:00 17.10.2023, 11:15-14:15 19.10.2023, 10:00-13:00 23.10.2023, 10:00-13:00
4.	6. Cartilage A. Kolasa /D. Szypulska	7. Bone A. Kolasa /D. Szypulska	Practical classes	Practical classes	N2 N1 N4 N3	24.10.2023, 8:00-11:00 24.10.2023, 11:15-14:15 26.10.2023, 10:00-13:00 30.10.2023, 10:00-13:00
5.	8. Muscle tissue D. Oszutowska-Mazurek/ K. Misiakiewicz-Has	Practical classes	Practical classes	4C. CELL AGING K. Misiakiewicz-Has/S. Rzeszotek	N2 N1 N4 N3	7.11.2023, 8:00-11:00 7.11.2023, 11:15-14:15 9.11.2023, 10:00-13:00 6.11.2023, 10:00-13:00
6.	9. Blood Rzeszotek/ A. Pilutin	10. Bone marrow + Blood development Rzeszotek/ A. Pilutin	Practical classes	Practical classes: Slides review	N2 N1 N4 N3	14.11.2023, 8:00-11:00 14.11.2023, 11:15-14:15 16.11.2023, 10:00-13:00 13.11.2023, 10:00-13:00
7.	<b>3h Theoretical cycle test I + PRACTICAL TEST I</b>			5C. NICHES OF STEM CELLS S. Rzeszotek	N2 N1 N4 N3	21.11.2023, 8:00-11:00 21.11.2023, 11:15-14:15 23.11.2023, 10:00-13:00 20.11.2023, 10:00-13:00
8.	2E. NERVOUS SYSTEM DEVELOPMENT D. Oszutowska-Mazurek/ A. Wilk	3E. DEVELOPMENT OF SOMITES S. Rzeszotek/ A. Wilk	4E. PHARYNGEAL ARCHES K. Misiakiewicz-Has/S. Rzeszotek	<b>Theoretical cycle test I + PRACTICAL TEST I (For students with doctors leave)</b>	N2 N1 N4 N3	28.11.2023, 8:00-11:00 28.11.2023, 11:15-14:15 30.11.2023, 10:00-13:00 27.11.2023, 10:00-13:00
9.	11. Nervous tissue, PNS A Pilutin/ A. Wilk	Practical classes	Practical classes	Practical classes	N2 N1 N4 N3	5.12.2023, 8:00-11:00 5.12.2023, 11:15-14:15 7.12.2023, 10:00-13:00 4.12.2023, 10:00-13:00
10.	12. Central Nervous System A. Pilutin/K. Misiakiewicz-Has	Practical classes	Practical classes	5E. ORIGIN AND MIGRATION OF NEURAL CREST CELLS K. Misiakiewicz-Has/A. Pilutin	N2 N1 N4 N3	12.12.2023, 8:00-11:00 12.12.2023, 11:15-14:15 14.12.2023, 10:00-13:00 11.12.2023, 10:00-13:00
11.	<b>13. Eye and Ear e-L</b> K. Misiakiewicz-Has/S. Rzeszotek	Practical classes	Practical classes	6C. CELL DIFFERENTIATION A. Kolasa /A. Pilutin	N2 N1 N4 N3	9.01.2024, 8:00-11:00 9.01.2024, 11:15-14:15 11.01.2024, 10:00-13:00 8.01.2024, 10:00-13:00
12.	<b>14. Skin e-L</b> D. Szypulska-Koziarska/A. Kolasa	Practical classes	Practical classes	7C. CYTOPHYSIOLOGY AND ENDOCRINE FUNCTION OF SKIN D. Szypulska-Koziarska/A. Kolasa	N2 N1 N4 N3	16.01.2024, 8:00-11:00 16.01.2024, 11:15-14:15 18.01.2024, 10:00-13:00 15.01.2024, 10:00-13:00
13.	<b>15. Circulatory System Heart e-L</b> A. Wilk/ A. Pilutin	Practical classes	Practical classes: Slides review	Practical classes: Slides review	N2 N1 N4 N3	23.01.2024, 8:00-11:00 23.01.2024, 11:15-14:15 25.01.2024, 10:00-13:00 22.01.2024, 10:00-13:00
14.	<b>2h Theoretical cycle test II + PRACTICAL TEST II</b>		<b>8C.CANCEROGENESIS e-L</b> A. Oszutowska ó Mazurek/A. Kolasa		N2 N1 N4 N3	30.01.2024, 8:00-11:00 30.01.2024, 11:15-14:15 1.02.2024, 10:00-13:00 29.02.2024, 10:00-13:00
15.	<b>2h Theoretical cycle test II+ PRACTICAL TEST II (For students with doctors leaves)</b>				N2 N1 N4 N3	6.02.2024, 8:00-11:00 6.02.2024, 11:15-14:15 8.02.2024, 10:00-13:00 5.02.2024, 10:00-13:00

LECTURES ó 12 + 3eL h =1 5; PRACTICAL ó 30; EMBRYOLOGY SEMINARS ó 5; CYTOPHYSIOLOGY ó 6+2eL = 8;

e-L ó e-learning = students will come after the time dedicated for e-learning (45 OR 90 minutes based on schedule). E ó embryology. C ó cytophysiology.

	1 <sup>st</sup> 45 minutes of classes	2 <sup>nd</sup> 45 minutes of classes	3 <sup>rd</sup> 45 minutes of classes	4 <sup>th</sup> 45 minutes of classes	Gr.	Date, time
1.	1. Endocrine System D. Szypulska-Koziarska/A. Wilk	Practical classes	1E. ENDOCRINE SYSTEM DEVELOPMENT D. Szypulska-Koziarska/A. Kolasa	1C. CYTOPHYSIOLOGY OF ENDOTHELIUM D. Oszutowska-Mazurek/Rzeszotek <b>2C. CYTOPHYSIOLOGY OF FERTILIZATION AND IMPLANTATION e-L</b> A. Pilutin/D. Szypulska-Koziarska	N2 N1 N4 N3	20.02.2024, 8:00-11:00 20.02.2024, 11:15-14:15 22.02.2024, 10:00-13:00 19.02.2024, 10:00-13:00
2.	2. Tooth, including development K. Misiakiewicz-Has/A. Kolasa	3. Oral cavity K. Misiakiewicz-Has/A. Kolasa	Practical classes	2E. DEVELOPMENT OF DIGESTIVE SYSTEM A. Pilutin/K. Misiakiewicz-Has	N2 N1 N4 N3	27.02.2024, 8:00-11:00 27.02.2024, 11:15-14:15 29.02.2024, 10:00-13:00 26.02.2024, 10:00-13:00
3.	4., 5. Esophagus, stomach, small and large intestine, appendix A. Wilk/K. Misiakiewicz-Has		Practical classes	Practical classes	N2 N1 N4 N3	05.03.2024, 8:00-11:00 05.03.2024, 11:15-14:15 07.03.2024, 10:00-13:00 04.03.2024, 10:00-13:00
4.	<b>6. Salivary glands, liver, pancreas, gallbladder e-L</b> D. Oszutowska-Mazurek/D. Szypulska	Practical classes	Practical classes: Slides review	3C. CELL SIGNALING A. Wilk/ D. Szypulska- Koziarska <b>4C. CELL ADHESION MOLECULES e-L</b> S. Rzeszotek/ A. Pilutin	N2 N1 N4 N3	12.03.2024, 8:00-11:00 12.03.2024, 11:15-14:15 14.03.2024, 10:00-13:00 11.03.2024, 10:00-13:00
5.	<b>Theoretical cycle test III + PRACTICAL TEST III</b>		5C. ENDO- AND EXOCYTOSIS A. Wilk/ A. Kolasa	6C. YOUR SECOND BRAIN D. Oszutowska ó Mazurek/A. Kolasa	N2 N1 N4 N3	19.03.2024, 8:00-11:00 19.03.2024, 11:15-14:15 21.03.2024, 10:00-13:00 18.03.2024, 10:00-13:00
6.	7. Respiratory system A. Kolasa/S. Rzeszotek	3E. RESPIRATORY SYSTEM DEVELOPMENT A. Kolasa/Rzeszotek	Practical classes	<b>Theoretical cycle test II+ PRACTICAL TEST II (For students with doctors leave)</b>	N2 N1 N4 N3	26.03.2024, 8:00-11:00 26.03.2024, 11:15-14:15 04.04.2024, 10:00-13:00 25.03.2024, 10:00-13:00
7.	<b>8., 9. Urinary system, e-L</b> Rzeszotek/K. Misiakiewicz-Has		Practical classes	4E. UROGENITAL SYSTEM DEVELOPMENT S. Rzeszotek/	N2 N1 N4 N3	09.04.2024, 8:00-11:00 09.04.2024, 11:15-14:15 11.04.2024, 10:00-13:00 08.04.2024, 10:00-13:00
8.	10. Introduction to immune system A. Kolasa/ S. Rzeszotek.	5E. DEVELOPMENT OF LYMPHATIC ORGANS D. Szypulska-Koziarska/A. Kolasa	Practical classes	Practical classes	N2 N1 N4 N3	16.04.2024, 8:00-11:00 16.04.2024, 11:15-14:15 18.04.2024, 10:00-13:00 15.04.2024, 10:00-13:00
9.	11. Lymphatic organs D. Szypulska-Koziarska/ Rzeszotek	Practical classes	Practical classes	7C. Tissue barriers D. Szypulska-Koziarska/K. Misiakiewicz-Has/	N2 N1 N4 N3	23.04.2024, 8:00-11:00 23.04.2024, 11:15-14:15 25.04.2024, 10:00-13:00 22.04.2024, 10:00-13:00
10.	<b>12. Female reproductive system e-L</b> A. Pilutin/D. Szypulska-Koziarska	Practical classes	Practical classes	<b>CYTOPHYSIOLOGY Credit with a grade</b>	N2 N1 N4 N3	07.05.2024, 8:00-11:00 07.05.2024, 11:15-14:15 09.05.2024, 10:00-13:00 06.05.204, 10:00-13:00
11.	13., 14. Male reproductive system K. Misiakiewicz-Has/A. Kolasa		Practical classes	Practical classes: Slides review	N2 N1 N4 N3	14.05.2024, 8:00-11:00 14.05.2024, 11:15-14:15 16.05.2004, 10:00-13:00 13.05.2024, 10:00-13:00
12.	<b>Theoretical cycle test IV + PRACTICAL TEST IV</b>		15. Teratogenes D. Oszutowska-Mazurek/D.		N2 N1 N4 N3	21.05.2024, 8:00-11:00 21.05.2024, 11:15-14:15 23.05.2023, 10:00-13:00 20.05.2024, 10:00-13:00
13.	Slides review before exam	Slides review before exam	Booster 1 <sup>st</sup> , Booster 2 <sup>nd</sup> term (agreed with the Teacher)	<b>Theoretical cycle test IV + PRACTICAL TEST IV (For students with doctors leave)</b>	N2 N1 N4 N3	04.06.2024, 8:00-11:00 04.06.2024, 11:15-14:15 06.06.2024, 10:00-13:00 03.06.2024, 10:00-13:00
14.	Practical EXAM 2h				N2 N1 N4 N3	<b>11.06.2024, 8:00-11:00</b> <b>11.06.2024, 11:15-14:15</b> <b>13.06.2024, 10:00-13:00</b> <b>10.06.2024, 10:00-13:00</b>
15.	Theoretical EXAM 2h				N2 N1 N4 N3	<b>18.06.2024, 8:00-11:00</b> <b>18.06.2024, 11:15-14:15</b> <b>20.06.2024, 10:00-13:00</b> <b>17.06.2024, 10:00-13:00</b>