

HISTOLOGY & CELL BIOLOGY ADVANCED MD 2020/2021

COURSE COORDINATOR - PATRYCJA SUJKA-KORDOWSKA

RECORDING ONLINE CLASSES, BOTH LECTURES AND LABORATORIES, IS STRICTLY FORBIDDEN!!!

ANY RECORDING ATTEMPTS ARE AUTOMATICALLY SAVED IN THE MSTEAMS APPLICATION, INCLUDING THE RECORDER'S DATA.

WHEN?

• START – AUGUST 31TH, 2020 – FIRST LECTURE

• END – NOVEMBER???, 2020 – NBME EXAM (FINAL)

WHERE?

- LECTURES ONLINE
- PRACTICE ONLINE
- TESTS ONLINE OR/AND ONSITE

HOMŚ

- MICROSOFT TEAMS APP
- <u>OpenOLAT PLATFORM</u> OR/AND GOOGLE FORMS OR/AND LAB ROOM ONSITE

WHEN?

SCHEDULE

THE CALENDAR FROM DEAN'S OFFICE

THE SCHEDULE CAN CHANGE. THE MOST RECENT VERSION COMES FROM DEAN'S OFFICE.

DATE		LABORATORY		LECTURE
31.08.2020 Monday				9.00-10.30 Rules of performance 10.45-12.15
				Cell nucleus Genes-the flow of genetic information 12.30-13.15
				Cell cycle. Cell death
01.09.2020 Tuesday				10.00-10.45 Epithelial tissue
				11.00-12.30 Connective tissue
				12.45-14.15 Bone
02.09.2020	Cytol	ogy – cytoplasm, nucleus, cell ç	livison	12.45-13.30
Wednesday	8.00-9.30	9.30-11.00	11.00-12.30	Muscle tissue
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	13.45-15.15 Nerve tissue
				15.30-17.00 Blood&cardio-vascular system
03.09.2020		Epithelial tissue	I	
Thursday				_
	8.00-9.30	9.30-11.00	11.00-12.30	
	LAB 14 – LAB 19	LAB 7 – LAB 13	LAB 1 – LAB 6	

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	Connective tissue	ells, ground substance, loose, de	anco cartilago adinoso	
	Connective tissue – c	ens, ground substance, loose, de	ense, cartilage, adipose	
	12.30-14.00	14.00-15.30	15.30-17.00	-
	LAB 14 – LAB 19	LAB 7 – LAB 13	LAB 1 – LAB 6	
04.09.2020		Bone. Bone ossification		12.45-14.15 Lymphatic system
Friday	8.00-9.30	9.30-11.00	11.00-12.30	14.30-16.00 Endocrine system
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	
07.09.2020		Muscle tissue		17.15-18.45 Cell membranes, principles of cell transport
Monday	8.00-9.30	9.30-11.00	11.00-12.30	Cell signaling
	LAB 7 – LAB 13	LAB 1 – LAB 6	LAB 14 – LAB 19	
		Nerve tissue		
	12.30-14.00	14.00-15.30	15.30-17.00	
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	
08.09.2020		Blood&cardio-vascular system	l i i i i i i i i i i i i i i i i i i i	12.45-14.15
Tuesday	8.00-9.30	9.30-11.00	11.00-12.30	Respiratory system
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	
09.09.2020		Lymphatic system		12.45-14.15 Skin
Wednesday	8.00-9.30	9.30-11.00	11.00-12.30	
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	
10.09.2020		Endocrine system		12.45-14.15
Thursday	8.00-9.30	9.30-11.00	11.00-12.30	Digestive system I
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	
		8.00-9.30		
11.09.2020		Quiz 1 LAB 1 – LAB 19		
Friday		Respiratory system		-
		Respiratory system		

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	9.30-11.00	11.00-12.30	12.30-14.00			
	LAB 14 - LAB 19	LAB 7 – LAB 13	LAB 1 – LAB 6			
14.09.2020		Skin				
Monday	8.00-9.30	9.30-11.00	11.00-12.30	Digestive system II		
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19			
15.09.2020	Digestive sy	stem I - developing and mature	tooth, glands	12.45-14.15 Urinary system		
Tuesday	8.00-9.30	9.30-11.00	11.00-12.30			
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19			
16.09.2020	Digestive sys	tem II - lip, tongue with papillae	e, lingual tonsil	12.45-14.15 Male reproductive system		
Wednesday	8.00-9.30	9.30-11.00	11.00-12.30			
	LAB 7 – LAB 13	LAB 1 – LAB 6	LAB 14 – LAB 19			
	0	Digestive system III - digestive tract				
17.09.2019 Thursday	8.00-9.30					
mursuay	8.00-9.30	9.30-11.00	11.00-12.30			
	LAB 14 – LAB 19	LAB 7 – LAB 13	LAB 1 – LAB 6			
		8.00-9.30				
18.09.2020		Quiz 2 LAB 1 – LAB 19				
Friday		Liver, pancreas, gall bladder				
	9.30-11.00	11.00-12.30	12.30-14.00			
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19			
		Urinary system		12.45-14.15		
21.09.2020				Central nervous system		
Monday	8.00-9.30	9.30-11.00	11.00-12.30			
	LAB 7 – LAB 13	LAB 1 – LAB 6	LAB 14 – LAB 19			
		Male reproductive system		12.45-14.15		
22.09.2020 Tuesday	8.00-9.30	9.30-11.00	11.00-12.30	Repetitory I		
Tuesday						

	LAB 7 – LAB 13	LAB 1 – LAB 6	LAB 14 – LAB 19	
23.09.2020	Female reproductive system			12.45-14.15 Repetitory II
Wednesday	8.00-9.30	9.30-11.00	11.00-12.30	
	LAB 14 – LAB 19	LAB 7 – LAB 13	LAB 1 – LAB 6	
24.09.2020	CNS. Eye.			12.45-14.15 Repetitory III
Thursday	8.00-9.30	9.30-11.00	11.00-12.30	
	LAB 14 – LAB 19	LAB 7 – LAB 13	LAB 1 – LAB 6	
25.09.2020		8.00-9.30 Quiz 3		
Friday	LAB 1 – LAB 19			
28.29.2020	Repetitory I			
Monday	8.00-9.30	9.30-11.00	11.00-12.30	
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	
29.09.2020	Repetitory II			
Tuesday	8.00-9.30	9.30-11.00	11.00-12.30	
	LAB 1 – LAB 6	LAB 7 – LAB 13	LAB 14 – LAB 19	
1.10.2020 Thursday		8.00-9.30 Quiz 4 LAB 1 – LAB 19		
9.10.2020 Friday		8.00-9.30 Quiz 5 LAB 1 – LAB 19		
16.10.2020 Friday		8.00-8.45 Integrative test		

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23.10.2020 Friday		8.00-9.30 1 st integrative retake
30.10.2020 Friday	8.00-9.30 Practical test LAB 1 – LAB 19	
6.11.2020 Friday	8.00-9.30 1st practical retake	
13.11.2020 Friday	8.00-9.30 2 nd practical retake	

IMPORTANT DATES

QUIZ 1 – 11.09.2020

Cytology, cell nucleus, genes – the flow of genetic information, cell membranes – principles of cell transport, cell signaling, cell cycle, cell death.

QUIZ 2 - 18.09.2020

General histology – epithelial, connective, bone, muscle, nerve tissues.

QUIZ 3 – 25.09.2020

Blood, bone marrow, cardiovascular, immune, lymphatic, endocrine systems.

QUIZ 4 – 1.10.2020 Respiratory system, skin, digestive system.

QUIZ 5 - 9.10.2020

Urinary, male reproductive, female reproductive, central nervous systems, histological techniques.



IMPORTANT DATES

INTEGRATIVE – 16.10.2020

1ST INTEGRATIVE RETAKE – 23.10.2020

PRACTICAL TEST – 30.10.2020

1ST PRACTICAL RETAKE – 6.11.2020

2ND PRACTICAL RETAKE – 13.11.2020

NBME EXAM (FINAL) – NOVEMBER 2020 ???

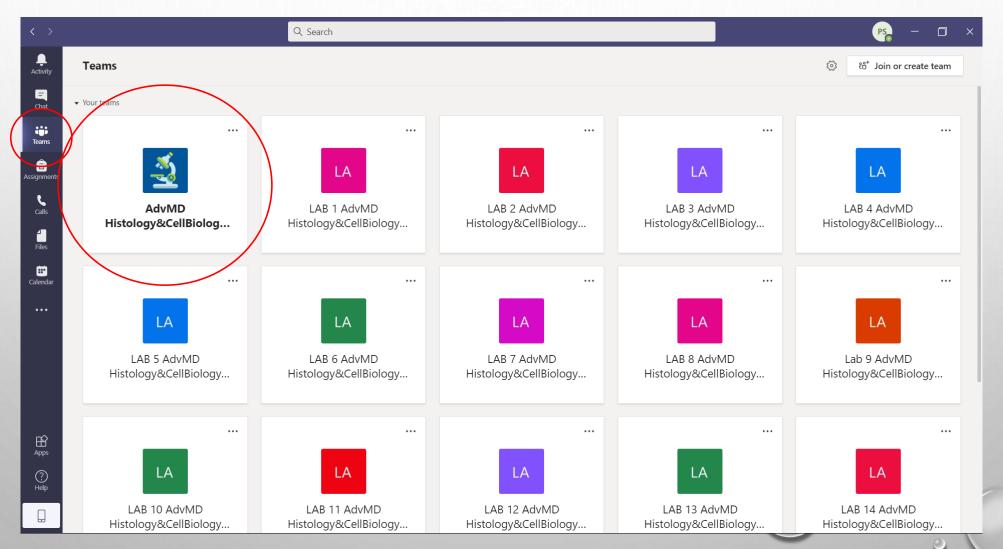




ATTENDANCE

- LECTURES AND PRACTICE (LABS) MANDATORY
- PRACTICE (LABS) CONTROLLED

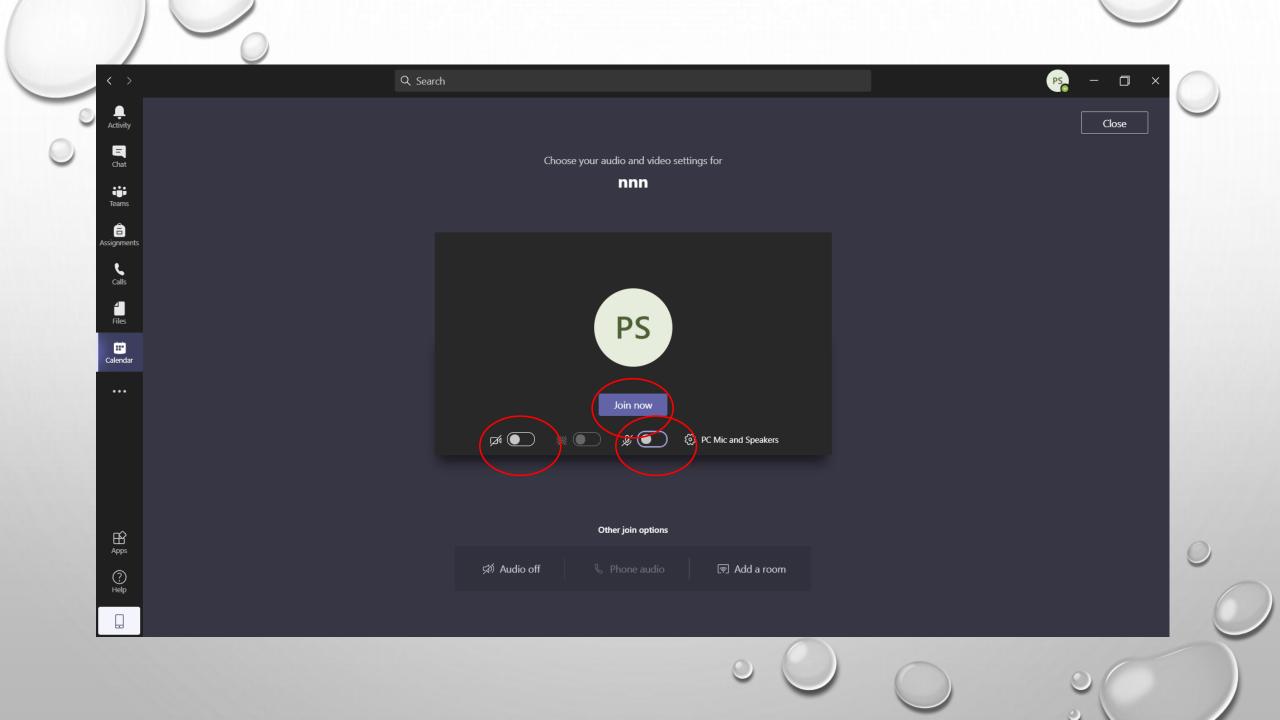
HOW TO JOIN TO THE LECTURE?



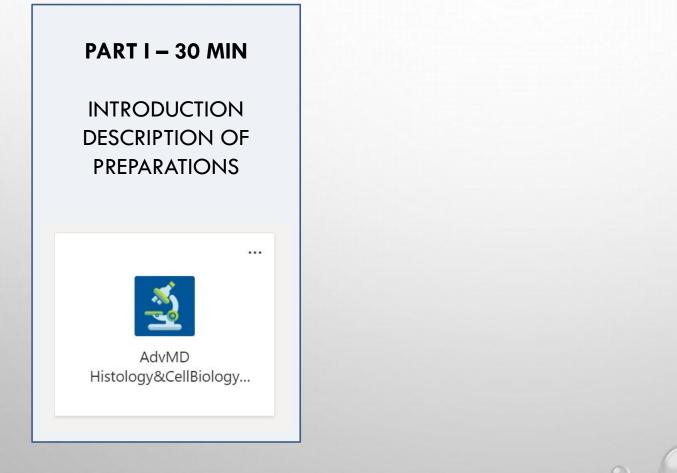
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L ivity	😇 Calendar				Ģ	Meet now + New meeting ~
hat	traday < > August 2020 - Sep	otember 2020 ${}^{\checkmark}$				$ iii$ Work week ${}^{\checkmark}$
) ams	31 Monday	01 Tuesday	02 Wednesday		03 Thursday	04 Friday
8 Iments	AM		Histology lab - cytology, LAB1-LAB6 Patrycja Sujka-Kordowska		Histology lab - epithelila tissue, LAB14-LAB19 Patrycja Sujka-Kordowska	
alls	AM Histology lecture - introduction Patrycja Sujka-Kordowska			ŧ.	E	
) AM	Histology lecture - epithelial tissue Patrycja Sujka-Kordowska	Histology lab - cytology, LAB7-LAB13 Patrycja Sujka-Kordowska		Histology lab - epithelial tissue, LAB7-LAB13 Patrycja Sujka-Kordowska	
E endar		£		e	Ē	
••	I AM	Histology lecture - Connective tissue Agnieszka Malińska	Histology lab - cytology, LAB14-LAB19 Patrycja Sujka-Kordowska		Histology lab - epithelial tissue, LAB1-LAB6 Patrycja Sujka-Kordowska	
12	2 PM	f		Ē	Ē	
1	PM Eistology lecture - Cell cycle. Cell death. Marianna Tyczewska		Histology lecture - Muscle tissue Karolina Sterzyńska	Į.	Connective tissue, Histology LAB - group 16 Connective tissue Aldona Kasprzak (LAB1-LAB6) Agnieszka Malińska	Histology lecture - Lymphatic system Agnieszka Malińska
Paps 2	PM				Histology LAB - Connective tissue (LAB7-	
?) elp					LAB13) Agnieszka Malińska	

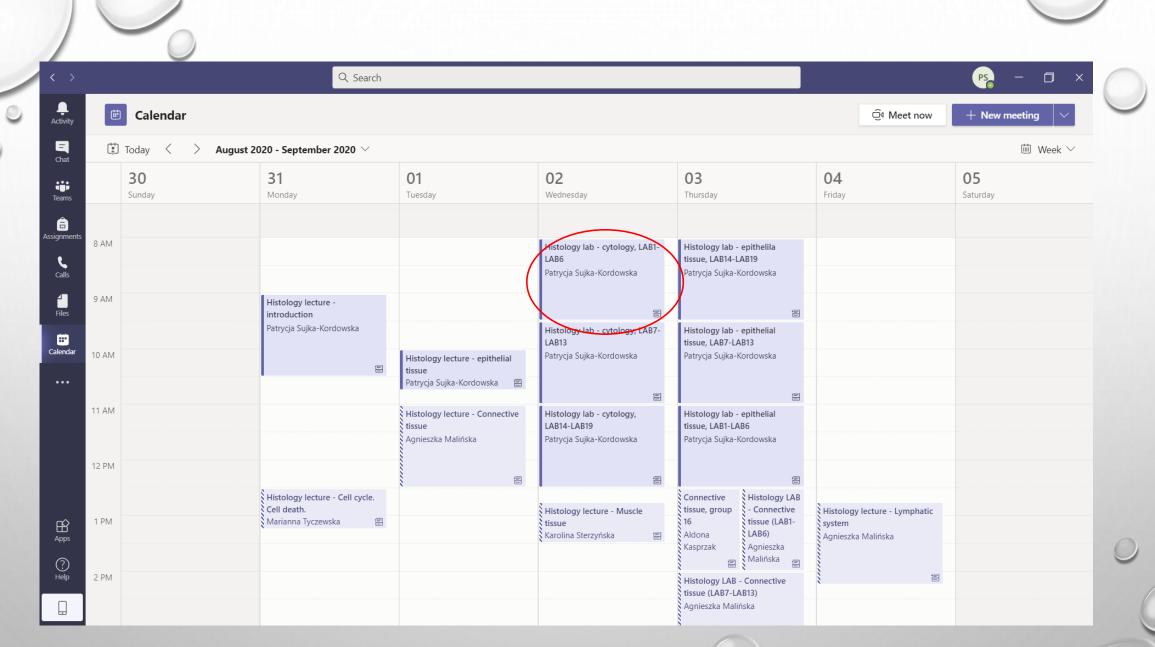
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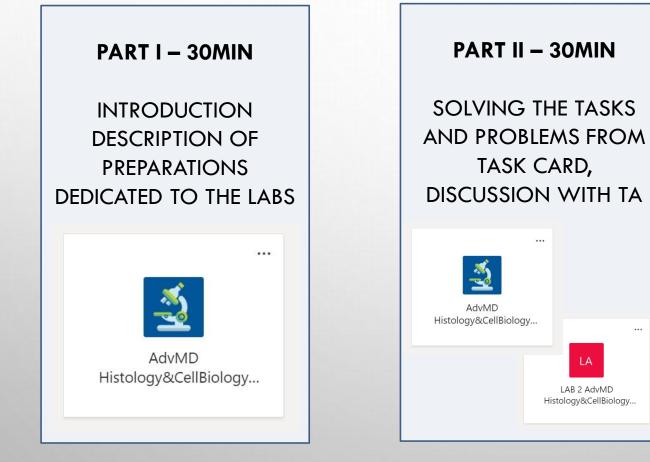






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HOW TO JOIN TO THE LABS?



WHERE I CAN FIND THE TASK CARD?

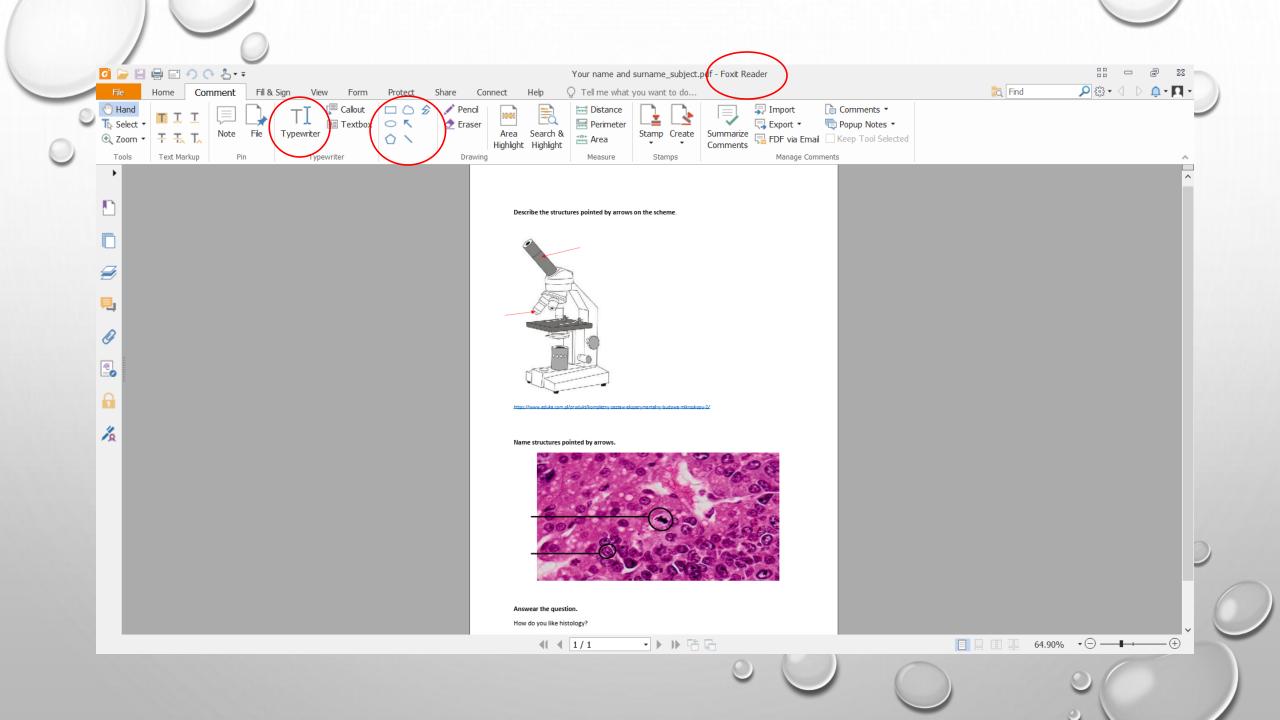
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		10. Respiratory system	18 minutes ago	Patrycja Sujka-Kord	
		11. Skin	18 minutes ago	Patrycja Sujka-Kord	
l		12. Digestive system I	17 minutes ago	Patrycja Sujka-Kord	
		13. Digestive system II	17 minutes ago	Patrycja Sujka-Kord	
		14. Digestive system III	17 minutes ago	Patrycja Sujka-Kord	
		15. Liver, pancreas, gall bladder	17 minutes ago	Patrycja Sujka-Kord	
		16. Urinary system	16 minutes ago	Patrycja Sujka-Kord	
		17. Male reproductive system	16 minutes ago	Patrycja Sujka-Kord	
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]		3. Connective tissue	26 minutes ago	Patrycja Sujka-Kord	

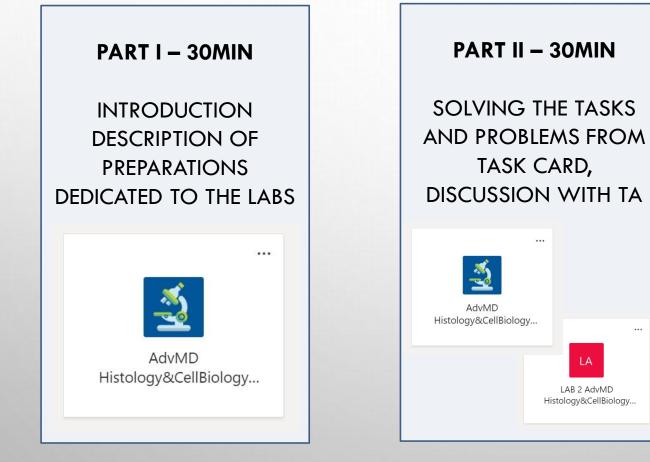
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RULES - TASKS

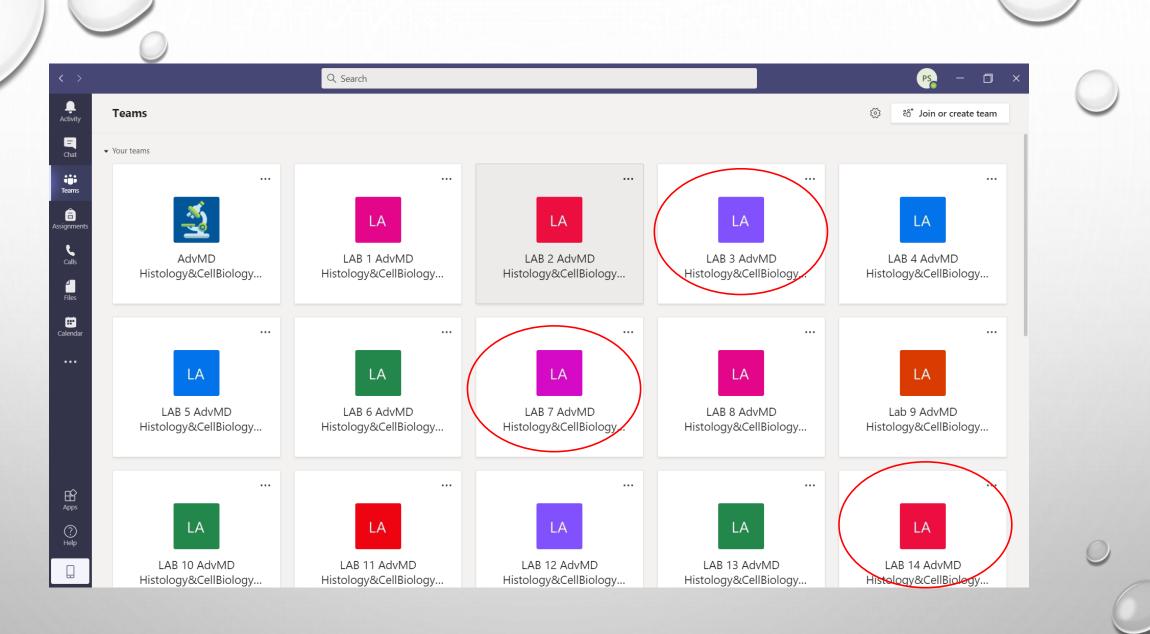
- THE STUDENT IS OBLIGED TO SOLVE THE TASKS ASSIGNED BY THE TEACHER. THE TASKS ARE CONTAINED IN AN INDIVIDUAL PDF FILE (SO-CALLED "TASK CARD" OR "WORKSHEET").
- THE TASK CARD CAN CONTAIN DIAGRAMS AND PICTURES OF HISTOLOGICAL PREPARATIONS, WHICH THE STUDENT IS OBLIGED TO RECOGNIZE AND CHARACTERIZE, AS WELL AS A QUESTION ABOUT THE DISCUSSED SECTION.
- EACH TASK CARD HAS TO BE APPROVED BY A TEACHER ASSISTANT.
- THE RECOMMENDED TOOL FOR COMPLETING THE TASK CARDS IS THE FREE FOXIT READER PROGRAM OR ANY OTHER PROGRAM THAT ALLOWS TO EDIT PDF FILES.



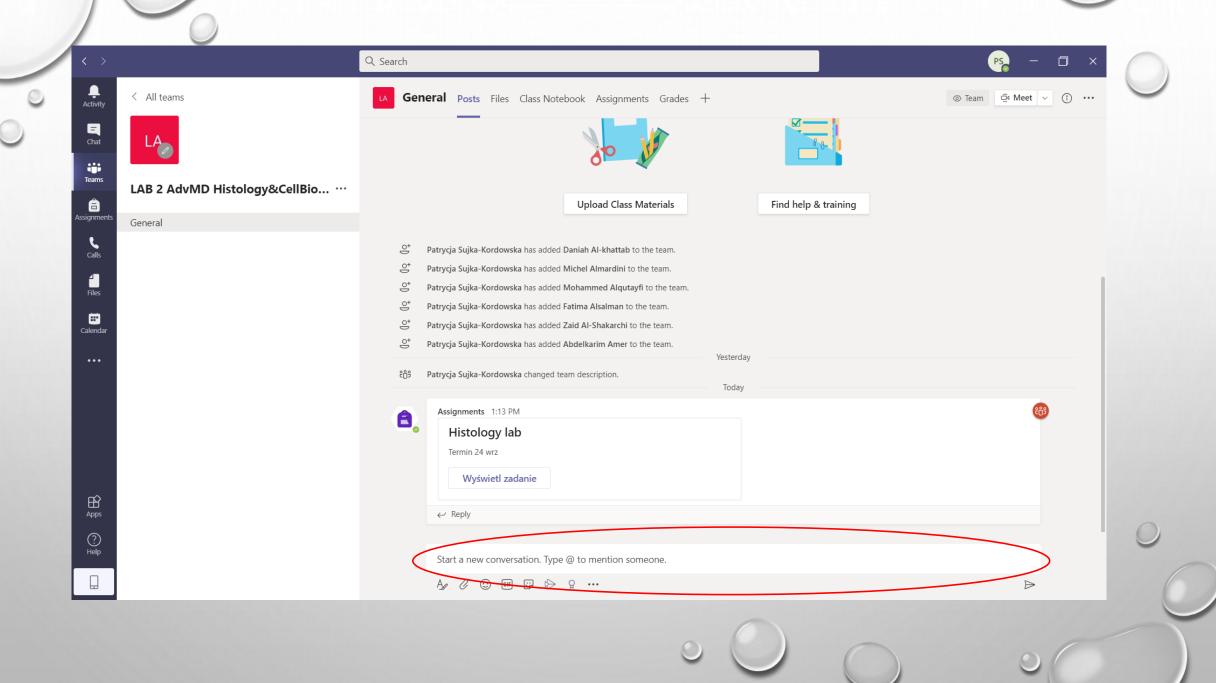
HOW TO JOIN TO THE LABS?



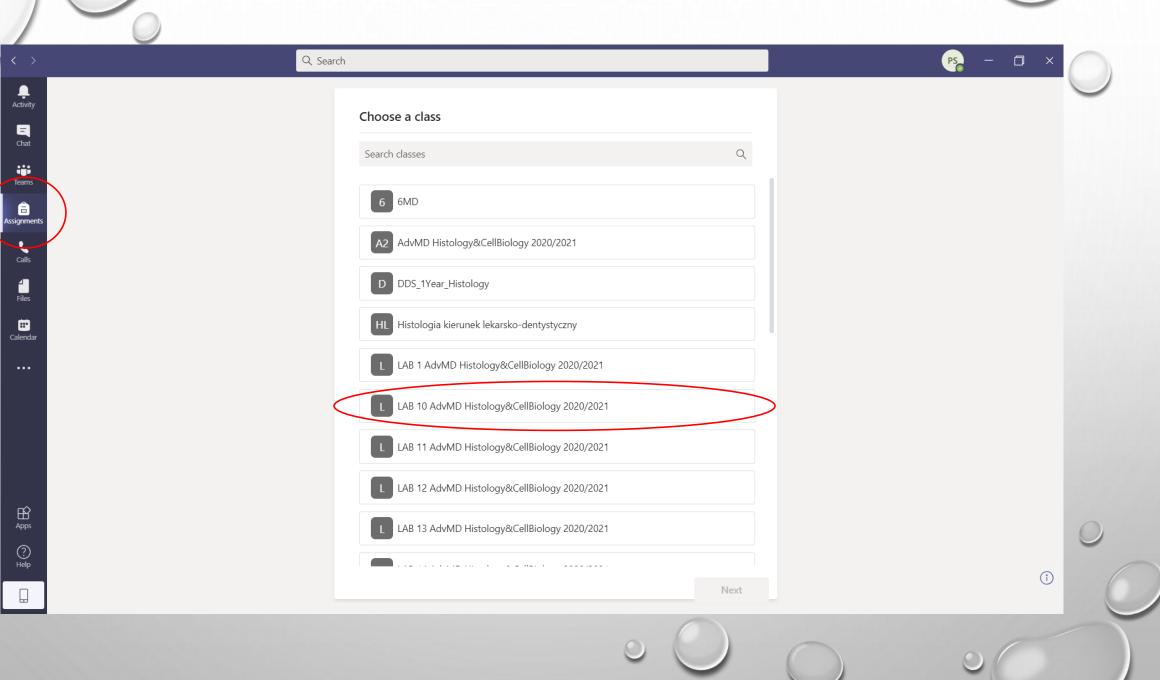
HOW TO DISCUSS WITH TA?

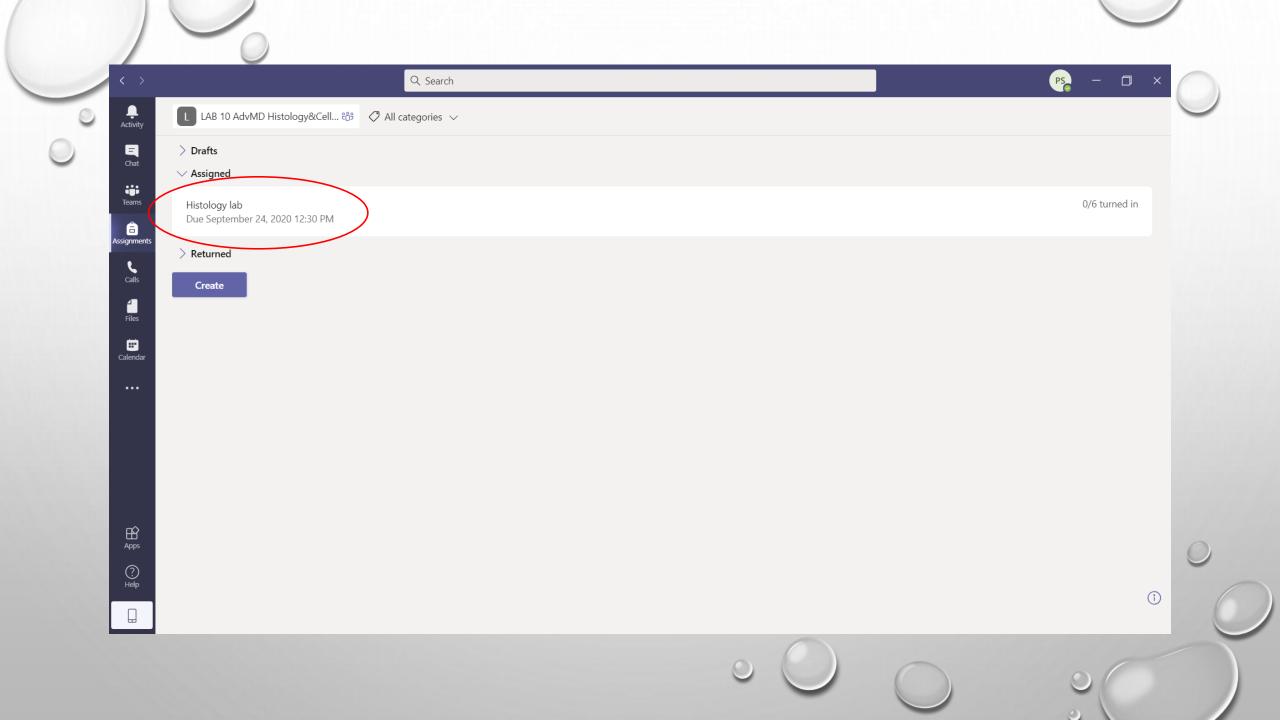


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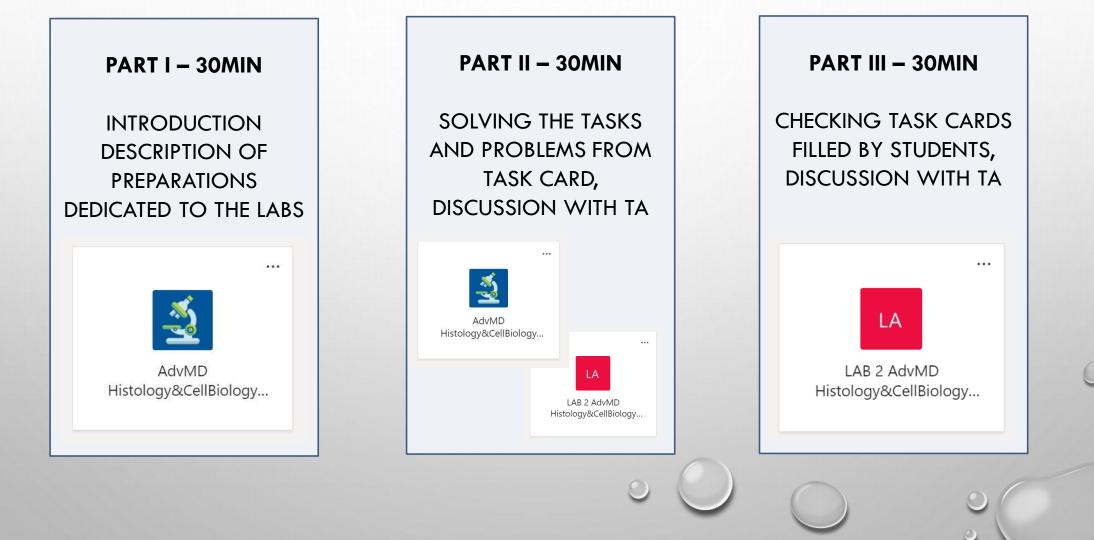


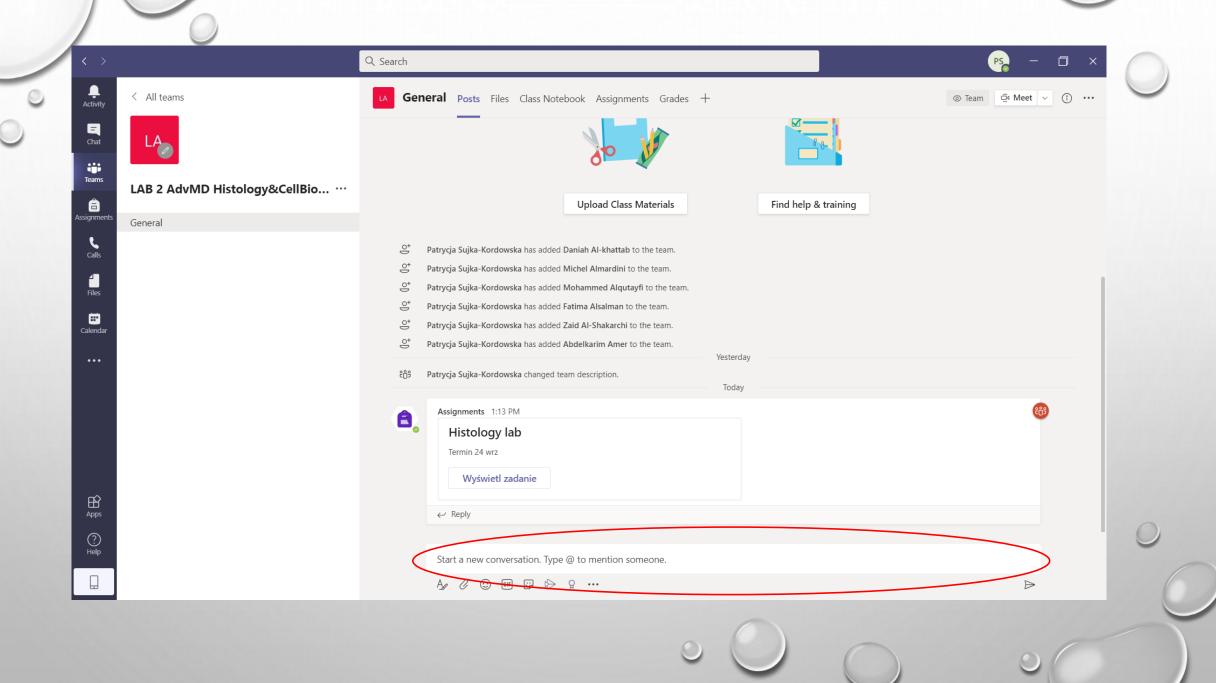
HOW TO UPLOAD THE TASK CARD WITH ANSWERS?





HOW TO JOIN TO THE LABS?





RULES - TASKS

- THE STUDENT IS OBLIGED TO SOLVE THE TASKS ASSIGNED BY THE TEACHER. THE TASKS ARE CONTAINED IN AN INDIVIDUAL PDF FILE (SO-CALLED "TASK CARD" OR "WORKSHEET").
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EACH TASK CARD HAS TO BE APPROVED BY A TEACHER ASSISTANT.

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RULES – EVALUATION

POINTS + PRACTICAL TEST

RULES – EVALUATION – POINTS

- EACH PART OF THE COURSE, IS TO BE PASSED ON THE BASIS OF PARTIAL VERIFICATION IN A TEST FORM (QUIZ)
- THE VERIFICATION DEPENDS ON PASSING 5 TESTS COMPRISED OF A 40 QUESTIONS. CORRECT ANSWER FOR ONE QUESTION GIVES 1 POINT
- DURING THE WHOLE COURSE, THE STUDENT CAN GATHER FROM 0 TO 200 POINTS
- ALL QUIZZES ARE PERFORMED ONLY ONCE FOR THE WHOLE GROUP OF STUDENTS. THERE IS NO POSSIBILITY OF AN INDIVIDUAL TAKING OF THESE QUIZZES OUT OF THE ACCEPTED TERM

RULES – EVALUATION - POINTS

- TO GET A CREDIT STUDENT HAS TO COLLECT 120 POINTS (60%) DURING WHOLE COURSE (FROM PARTIAL TESTS) (AND PASS THE PRACTICAL TEST)
- IF DOESN'T THEN HE/SHE MUST TO TAKE THE INTEGRATIVE TEST WHICH CAN BE REPEATED ONLY ONCE

RULES – EVALUATION – PRACTICAL TEST

- SKILLS IN PRACTICE WILL BE A SUBJECT OF THE PRACTICAL TEST BEFORE THE NBME EXAM (FINAL) AND WILL INVOLVE RECOGNIZING STRUCTURES IN A NUMBER OF HISTOLOGICAL PREPARATIONS PRESENTING TISSUES AND ORGANS AND PROVING A LEVEL OF FAMILIARITY WITH THE RULES OF HISTOLOGICAL TECHNIQUES AND METHODS
- THE PRACTICAL TEST CONSISTS OF 30 QUESTIONS. DURING THE PRACTICAL TEST, THE STUDENT IS REQUIRED TO RECOGNIZE THE HISTOLOGICAL STRUCTURES, TISSUES AND ORGANS PRESENTED IN THE QUESTIONS, NAME THEM AND DEFINE THEIR STRUCTURE AND FUNCTION. TO PASS THE PRACTICAL TEST, A STUDENT MUST OBTAIN AT LEAST 18 POINTS (60%).

RULES – EVALUATION – PRACTICAL TEST

- STUDENT CAN REPEAT PRACTICAL TEST TWICE ONLY
- TO BE ADMITTED TO A PRACTICAL TEST THE STUDENT IS OBLIGATED TO:
 - HAVE THE TASK CARDS WITH **TEACHER ASSISTANT'S APPROVAL** (19 IN TOTAL)
 - HAVE AT LEAST 120 POINTS

PARTIAL TESTS AND PRACTICAL TEST – HOW?

• OPENOLAT PLATFORM (GOOGLE FORMS, LAB ROOM)

HOW TO GET A CREDIT?

HAVE THE TASK CARDS WITH TEACHER ASSISTANT'S APPROVAL (19 IN TOTAL)

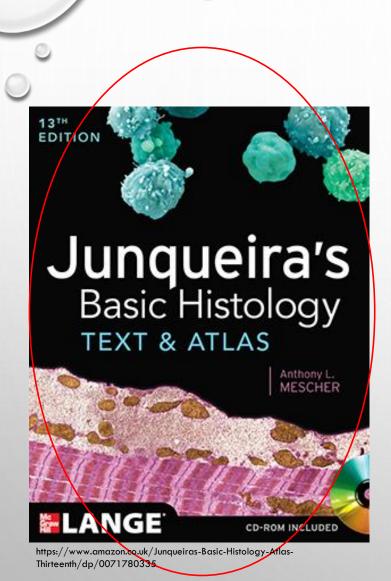
HAVE AT LEAST 120 POINTS

PASS THE **PRACTICAL TEST**

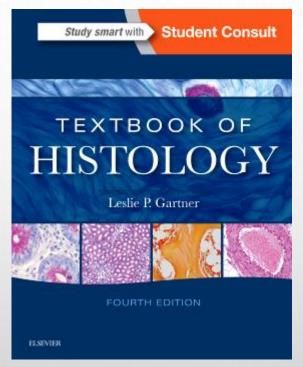
NBME



- DATE NOVEMBER 2020 ???
- PLACE OPENOLAT (ONLINE/ONSITE)
- STUDENT WHO FAILS THE NBME EXAM CAN REPEAT THE INTERNAL FINAL TEST TWICE ONLY



REQUIRED BOOKS



https://www.amazon.com/Textbook-Histology-Leslie-P-Gartner/dp/0323355633

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https://www.amazon.com/diFiores-Histology-Functional-Correlations-Lippincott/dp/0781770572



- <u>HTTPS://HISTOLOGY.MEDICINE.UMICH.EDU/</u>
- HTTP://WWW.HISTOLOGYGUIDE.COM/
- <u>HTTP://WWW.HISTOLOGY-WORLD.COM/AUDIOSLIDES/SIMPLESQUAMOUS.HTM</u>



Strona główna

HISTOLOGIA.UMP.EDU.PL PASSWORD: histology

HOW TO CONTACT WITH COORDINATOR?

psujka@ump.edu.pl

MSTeams app