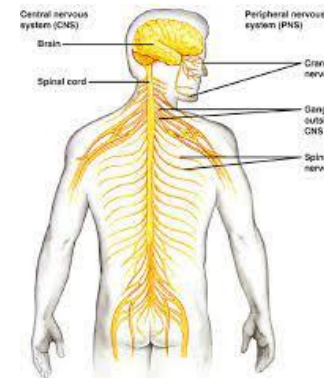
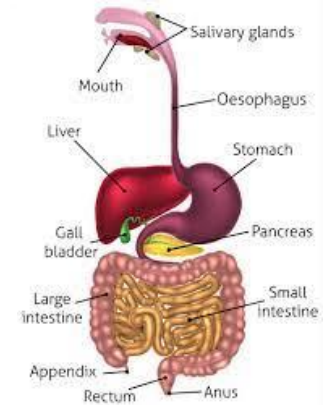
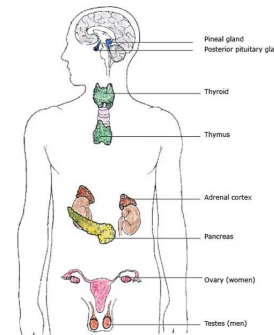
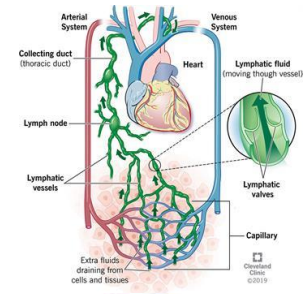
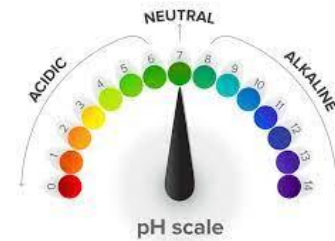


WELCOME to the discipline
“Normal structure and function
of human body”!



The aim of the course:

to teach how to apply knowledge of morphology (anatomy and histology) and physiology of organs and systems of the human body (***lymphatic, immune, endocrine, respiratory, urinary, special sense organs, digestive, reproductive***) in age and the sexual aspect of human organ systems for understanding vital processes and maintaining homeostasis.



The discipline includes the following subjects:



Anatomy



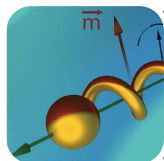
Physiology



Latin language



Histology



Medical Biophysics

After completing this course you will:

- demonstrate knowledge of anatomy, topography and visualization in the age and sexual aspects of human organ systems;
- demonstrate knowledge of the physiological processes that determine the activity and mechanisms of regulation of human organs and systems (digestion, defense, functioning of the senses);
- understand and apply knowledge of the neuro-endocrine regulation of homeostasis, metabolism in different situations;
- understand the processes and anatomical and physiological processes during pregnancy, development and growth, involutinal changes, with various physiological stress variants;
- demonstrate knowledge of the physiology of higher nervous activity and the cognitive process;
- demonstrate analytical skills in the integration of knowledge of the anatomy, histology and function of the human body to understand and evaluate normal life processes.

Resources

1. <https://univer.kaznu.kz/>
2. <https://www.med-kaznu.com/>
3. Your schedule and Logfile
4. Google classroom
5. Microsoft Kaizala
6. Complete Anatomy
7. YouTube channel
8. Literature and e-books

Univer system

Dear users! If there are any errors, inconsistencies in the data, or about the system, please contact us at it@kaznu.kz
If you encounter any errors related to connecting to the corporate Wi-Fi network of al-Farabi KazNU, please contact us by e-mail: wifi-support@kaznu.kz

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- News
- Frequently asked questions
- Documentation
- messages
- Personal profile
- Colleagues Questioning

[home](#)

- Online test
- Technical support request
- Academic policy
- Правила проведения итогового контроля
- Правила академической честности
- Distance learning hotline

[Additionally](#)

News

date	Piece of news
14 09.2020	Online free of charge textbooks and books of the Al-Farabi Kazakh National University Press are available! Dear friends! The Al-Farabi Kazakh National University Press launched the electronic library system (ELIBRARY) KazNUread . In ELIBRARY KazNUread you will get access to more than 4500 titles of educational and methodological publications, as well as conference materials and collections of articles. Important To get access to the KazNUread resource, follow the link https://read.kz/ , enter the resource using the same login and password as you use to get access to UNIVER 2.0 If you have any questions, please call: +7 (727) 377 34 11, +7 (727) 377 33 99
08 09.2020	Advertisement Dear teachers and students! The academic year 2020-2021 starts on September 14, 2020. All undergraduate will be held in the format of distance learning in on-line mode. Important Theoretical training for PhD doctoral students and graduate studies will take place off-line , taking into account the sanitary and epidemiological regime (SES).
20 08.2020	The terms of the "Coursera for Campus" project have been extended! Coursera (www.coursera.org) is the largest global online education platform that implements the Coursera for Campus university support program for studying online courses of the best universities of the world during the pandemic, with the opportunity to study the course and get a free certificate. Important Al-Farabi Kazakh National University joined the project on March 18, 2020. During the summer exams of 2020, 129 students of the university received the Coursera certificate, which recognized it as a university's alternative exam. In July 2020, Coursera extended the opportunity for universities around the world to use MOOCS in the educational process for free! Registration for courses is until 30 September 2020 . Completion of the course (in order to get certificate) – until 31 December 2020 . To register, please fill out the form by following the link https://docs.google.com/forms/d/e/1FAIpQLSe0mtF4PvIwVAHg_TqyCe2FJOs1HvoxZzhIVLgyZyq3EjszoQ/viewform You will receive an email with a request to activate your account. In case of any problems with the registration, please contact the MOOC Centre

Site of the Department

Links for necessary sites available here



[Home page](#) [About Us](#) [Studying process](#) [Morphology and physiology](#) [Cellular and Molecular Medicine](#) [General pathology](#) 

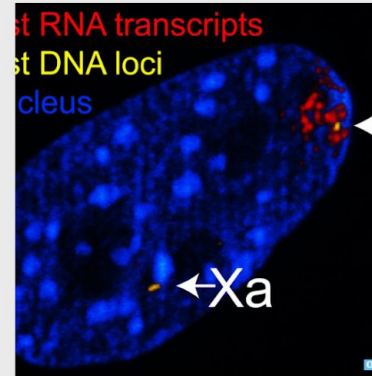
Department of Fundamental Medicine of Al-Farabi KazNU



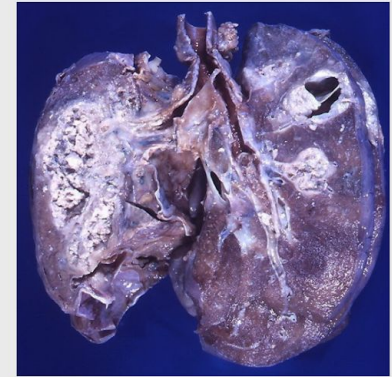
[Studying process](#)



[Human morphology and physiology](#)



[Cellular and Molecular Medicine](#)



[General pathology](#)

S C I E N C E M E D I C I N E

Расписание занятий _Timetable of classes

Файл Правка Вид Вставка Формат Данные Инструменты Форма Дополни

100% \$ % .0 .00 123 14 B I A

AX1	A	B	AU	AV	AW
1	A		General medicine 2020 spring 2 course 3 semester		Stomatology 2020 spring
2			General Medicine 20-02 eng	General Medicine 20-03 eng	Stom spring 20-01 eng
45		14.00-15.00			D&H imm Kurmanbekova
46		15.00-16.00	M&P histology lecture Mulkiybayeva		
47		16.00-17.00	M&P Sultanbayeva		
48		17.00-18.00	M&P Sultanbayeva		
49		18.00-19.00			
50		19:00-20:00			
51	нт\	8.00-9.00			
52	Fri	9.00-10.00	M&P lecture Oralkhan Zh		
53		10.00-11.00	M&P lecture Oralkhan Zh		
54		11.00-12.00			
55		12.00-13.00			Eng.med Dolgikh VR
56		13.00-14.00			Eng.med Dolgikh VR
57		14.00-15.00	M&P histol Bolatbekova		Eng.med Dolgikh VR
58		15.00-16.00	M&P histol Bolatbekova		Rus.med Amzeeva AA
59		16.00-17.00	D&H imm Nesipbekova		Rus.med Amzeeva AA
60		17.00-18.00		D&H imm Nesipbekova	Rus.med Amzeeva AA
61		18.00-19.00		M&P histol Bolatbekova	
62		19:00-20:00		M&P histol Bolatbekova	D&H imm Nesipbekova
63		8.00-9.00		M&P Sultanbayeva	

Google classroom

Interaction with teacher, home tasks, additional literature seen here

classroom.google.com/w/MjcxNTk5MzUzMDg3/t/all

M&P 2 course spring 2021

Лента **Задания** Пользователи Оценки

+ Создать Meet Google Календарь Папка курса на Диске

Все темы

- Books
- 00_Syllabus
- Biophysics
- Histology
- Biophysics 1
- 01_Lymphatic syste...
- 02_Digestive system
- 03_Endocrine system
- 04_Reproductive sy...
- 05_Embriology
- 06_Spinal Cord
- 07...

IWS Опубликовано 09:43

Books ⋮

BOOKS Изменено: 16 февр.

00_Syllabus ⋮

Books & syllabus Изменено: 4 мар.

Biophysics ⋮

Lecture: Biophysics of nervous system Опубликовано 11 февр.

Microsoft Kaizala

Chat for up-to-date information

The screenshot displays the Microsoft Kaizala web application interface. At the top, the browser address bar shows 'web.kaizala.la/Account/Webapp'. The left sidebar contains navigation options: 'я' (profile), 'Чаты' (Chats), and 'Люди' (People). The main chat area is titled '1 flow 2 course' and shows a message from 'Gulzhan Kassenova Kaznu' dated '12 сентября 2020 г.'. The message contains a congratulatory note and a home task for anatomy and physiology. Below the message is a document preview with the following text:

Kenneth S Saladin - chapter 21.1 , pages 800-813
Max grade - 2
Learning outcomes:
1. List the functions of the lymphatic system;
2. Explain how lymph forms and returns to the bloodstream;
3. Name the major cells of the lymphatic system and state their functions;
4. Describe the structure and function of the red bone marrow, thymus, lymph nodes, tonsils, and spleen

2. FLUID, ELECTROLYTE, AND ACID-BASE BALANCE I
Fluid Balance and Electrolyte Balance :
Kenneth S Saladin - chapter 24.1, 24.2, pages 921-933
Max grade - 2
1. Name the major fluid compartments;
2. List the body's sources of water and routes of water loss;
3. Describe mechanisms of regulating water intake and output;

3. FLUID, ELECTROLYTE, AND ACID-BASE BALANCE II

The chat interface also shows a list of other chat rooms on the left, including '21-05 advisor's group', 'GM 20-06 advisor's gr', 'Я (Aidana Tastanbekova)', 'МИФ', 'Kaznu Ni Tatyana', 'Стоматология 1 курс 2 семес...', and 'Marina Nyu KAZNU'.



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		Teacher												
2		Lecture/Practical lesson	L	P	L	P	L	P	L	P	L	P	L	P
3		Week	1 - 15.02-20.02						2 - 22.02-27.02					
4		Date		15.02		20.02				22.02		27.02		
5		Number of lesson	1	2	3	4	5	6	7	8	9	10	11	12
6	№	Student's name/Day of week												
7														
8														
9														
10														
11														
12														
13														
14														
15	12													
16		MAX GRADE		3		3		3		3		3		3
17		HOURS	2	2	2	2	1	2	2	2	2	2	1	2
18			ic and immune system. Fluid Balance	The lymphatic and immune system	electrolyte Balance and Acid-Base Balance	ce Electrolyte Balance and Acid-Base	us, lymph nodes, tonsils, and spleen	us, lymph nodes, tonsils, and spleen	h Through E sophagus. The Stomach.	h Through E sophagus. The Stomach.	he Small Intestine and Large Intestine	he Small Intestine and Large Intestine	ystem I Microscopic Anatomy	s and tissue II Topic: Digestive

You can look at ratings in the logfile and Univer System

Complete Anatomy

This application helps to learn anatomy in virtual way

3d4medical.com

from ELSEVIER

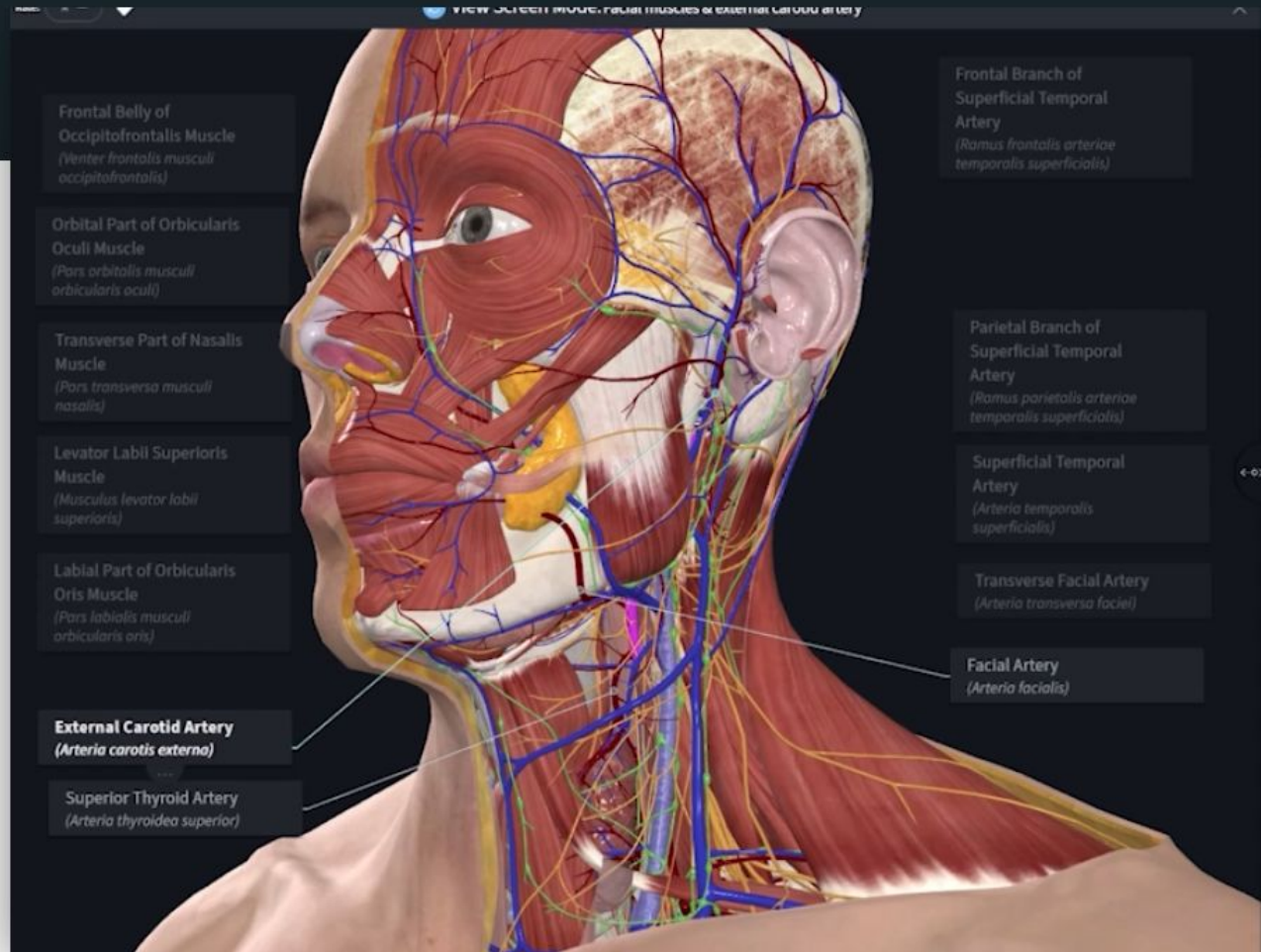
STUDENT

PROFESSIONAL

INSTITUTIONAL

PRICING

HELP CENTER



This site helps to learn histology in virtual way

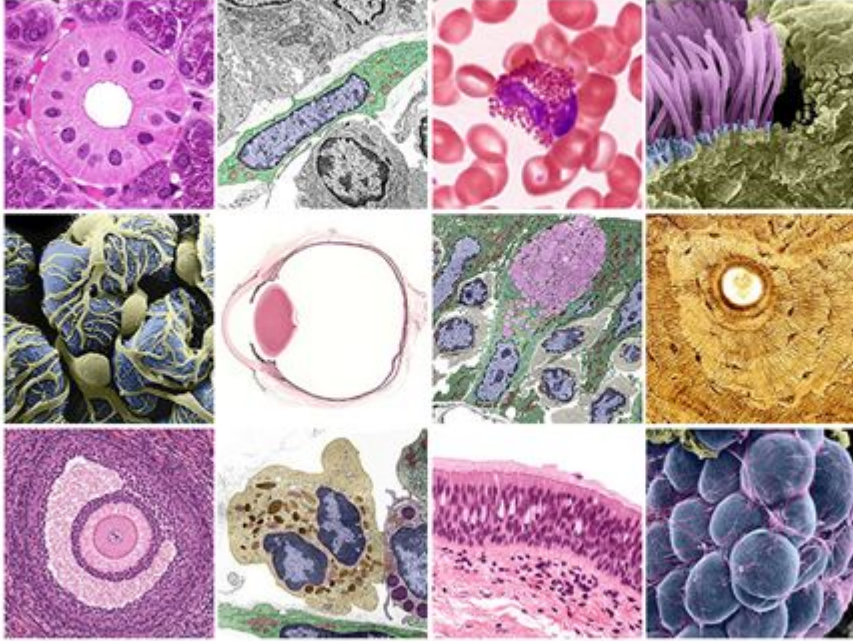
histologyguide.com

Histology Guide

virtual microscopy laboratory

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Atlas of Human Histology
A Guide to Microscopic Structure of Cells, Tissues and Organs
Robert L. Sorenson
T. Clark Brelje

Atlas of Human Histology
A Guide to Microscopic Structure of Cells, Tissues and Organs

Robert L. Sorenson
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3rd Edition
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\$75.00

Histology is the study of the microanatomy of cells, tissues, and organs as seen through a microscope. It examines the correlation between structure and function.

Histology Guide teaches the visual art of recognizing the structure of cells and tissues

Discussing cases according to the topic



A Tragic Finding: Metabolism in an Alcoholic Patient

Part I – Hypoglycemia

A 50-year old Asian woman was found breathing but unresponsive in her home. According to family members who called emergency services, she had been drinking alcohol continuously for two days. The patient had a history of chronic alcoholism and hepatitis-C. A fingerstick glucose test done by the paramedic returned a value of < 20 mg/dL, indicating severe hypoglycemia.



As a team, come up with hypotheses about what caused the hypoglycemia. Be prepared to share your team's hypotheses with the class, along with your rationale for your hypotheses.

The questions below are designed to guide you in developing your hypotheses. You may need to seek additional resources to explore the questions below. Some reliable online resources for medical tests and conditions include WebMD.com, CDC.gov, and MayoClinic.org.

Questions

1. What is the normal range for blood serum glucose?
2. What symptoms might you expect to see at levels above, and below, the normal values for blood serum glucose? (It may be useful to consider consequences of acute changes in glucose levels for the patient, and also the long-term effects of chronically high or low glucose.)


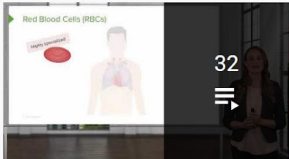
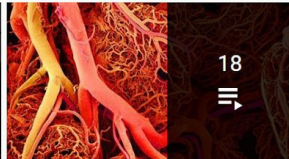

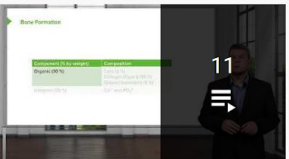
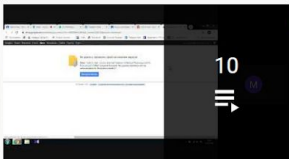

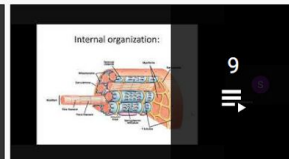


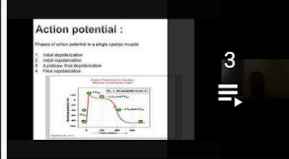

YouTube channel

Lectures of professors and more useful content here

- Главная
- В тренде
- Подписки
- Библиотека**
- История
- Ваши видео
- Смотреть позже
- Respiratory System - ...
- обучающие материа...
- Суставы
- Медицинская латынь
- Кожа_рус
- Тері видео
- Osteology - anatomy
- Остеология_каз
- Introduction
- Введение (рус)

Введите запрос

Плейлисты А-Я

 Abdominal muscles Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ	 Blood System: Morphology and Physiology Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ	 Blood vessels Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ	 Bone Physiology Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ
 Bone Tissue Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ	 Google classroom. Instructions. Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ	 Heart Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ	 Histology Department Fundamental Medicine Доступ по ссылке ПОСМОТРЕТЬ ВСЬ ПЛЕЙЛИСТ
 Introduction Department Fundamental Medicine	 Joints Department Fundamental Medicine	 Lectures "Heart" by Undergraduates of the Al-Farabi... Department Fundamental Medicine	 Lower limb acting on Hip Department Fundamental Medicine

Literature

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