

Scientific research work

All staff members of the department of anatomy, clinical anatomy, and histology actively participate in the department's scientific research activities.

Research focus of the department. Since 2024, the faculty of the department of anatomy, clinical anatomy, and histology has been conducting scientific research on the topic: «Regional characteristics of anthropometric indicators among university students (aged 18–25) in Karakalpakstan. »

Research focus: «Regional characteristics of anthropometric indicators among university students (aged 18–25) in Karakalpakstan» Currently, the department employs 10 teaching staff members, including 1 professor, 1 doctor of medical sciences (DSc), 1 candidate of medical sciences (PhD equivalent), 2 senior lecturers, and 5 assistants.

Research potential of the department — 27%

Currently, the department is conducting the following research projects:

1. «Assessment of external morphological changes in rickets among children living in the ecological zone of the Aral Sea Region» – research conducted by candidate of medical sciences A.A. Madaminov.
2. Independent researchers at the department are also working on their own scientific topics: S.S. Otekeeva – «Peculiarities of physical development in children with dermato-respiratory allergies living in environmentally unfavorable conditions of the Aral Sea region»; L.B. Baymuratova – «Assessment and early diagnosis of psychomotor development in preschool children in the Republic of Karakalpakstan»; N.D. Oryngaliyeva – «The impact of digitalization on psychomotor abilities and physical development in the context of Karakalpakstan».

Scientific collaboration. The department's staff actively collaborates with medical institutions such as Republican Multidisciplinary Children's Medical Center, Karakalpak territorial branch of the Republican specialized Scientific and Practical Medical Center of Dermatovenerology and Cosmetology, as well as family polyclinics in the city of Nukus.

Student scientific society. Every year, undergraduate and graduate students, as well as clinical residents, participate in scientific conferences and publish their abstracts in the proceedings of the student scientific conference. Students have repeatedly taken part in international and national scientific olympiads. Student Bakhodirov Zh., under the supervision of department assistant Z. Erimbetova, won 1st place in fundamental medicine at the international olympiad held at the Tashkent Medical Academy.

Scientific conferences. The department's staff actively participates in numerous national and international webinars and conferences.

Scientific publications. In 2024–2025, the department's staff published 29 scientific articles, 4 monographs, 5 study guides, and 4 teaching and methodological development.

**Scientific works published by the department's assistants in the 2024–2025 academic year
(full-time teaching staff)**

№	Title of the research paper	Author's full name	Journal title / № / Year / Pages	Link to the article	Citations (number and link) for this article
1	Publications issued in the Republic (Textbooks, study guides, methodological manuals)				
1.	Qan hám biriktiriwshi toqımanın gistologiyalıq dúzilisi	S.S. Otekeeva	oqıw qollanba, Nókis «Qaraqalpaqstan» 2025 144 bet UDK: 611.018(075.8)-96Ó BBK: 28.706ya73 ISBN978-9910-8683-9-9 AINo114 licenzıyasi berilgen		
2	Júrek qan tamır sistemasınıń funkcionall anatomıyası. Olardıń jasqa qaray ózgesheligi	N.D. Oryngaliyeva	oqıw qollanba, Nókis «Qaraqalpaqstan» 2025 1606et UDK: 611.12(075.8) O-73 BBK: 28.706ya73 O-73 ISBN978-9910-8752-3-6 AI No114 licenzıyasi berilgen		
2	Scientific articles published in foreign scientific journals				
1	Study of the physical status of children with combined dermato-respiratory allergic conditions in ecologically compromised areas of the aral sea region	S.S. Otekeeva G. Zhiemuratova D.G. Esenbayeva	European journal of pharmaceutical and medical research www.ejpmr.com 2025, volume 12 (6) ctp 341-343 ISSN 2394-3211 EJPMR	www.ejpmr.com	

			ISO9001:2015 certified journal		
2	Региональные Особенности Антропометрич еских Показателей Студенческой Молодежи Каракалпакстан а (18-25 Лет)	N.D. Oryngaliyeva and 1st year student of the faculty of pediatric sciences A. Seitmuratova	Journal of Interdisciplinary Science ISSN: 2960- 9550 vol.3 No.5 (2025) Стр 141-142		
3	Scientific articles published in national scientific journals				
1	Физическое развитие детей с аллергическими заболеваниями, проживающих в экологически неблагополучны х регионах приаралья	S.S. Otekeeva G. Zhiemuratova	Новый день в Медицине 10(72)2024 октябрь www/bsmi/uz https://newdaymedicine.com E: ndmuz@mail.ru УДК616:612. 017.1(053.2) ISSN 2181- 712X. EISSN 2181-2187	www/bsmi/uz https://newdaymedicine.com E: ndmuz@mail.ru	
2	Ранняя диагностика психомоторног о развития детей, проживающих в приаралья	L. Baymuratova G. Zhiemuratova	Nazariy va klinik tibbiyot jurnali №5 Tashkent 2024 oktyabr стр 71-73 04.05.07, №0255 ISSN 2091-5853 УДК 616:612.017. 1		
3	Факторы, влияющие на сроки закрытия родничка у младенцев (обзор литературы)	A.B. Kosimbetova	Journal of modern medicine №1(8)2025 Стр 907-913 УДК:616.31- 053.2-018		
4	Влияние цифровизации на физическое и психомоторное развитие детей в	N.D. Oryngaliyeva P.A. Zhalekeeva	Journal of modern medicine №1(8)2025		

	современных условиях		стр 880-886 УДК:616-008.9:612.017.1		
5	Формирование гармоничного развития школьников средствами физического воспитания	Z.B. Erimbetova G.B. Kdirniyazova	Journal of modern medicine №2(9),2025 стр 666-670 UDC:616-053.2:612.017.1		
6	Физическая культура и спорт как средство улучшения здоровья юношей	G.B. Kdirniyazova	Journal of modern medicine №1(8)2025 стр 921-925 УДК:616-008.9:612.017.1		
7	Morphological and behavioral factors in the development of head asymmetry in infants during the first year of life (literature review)	A.B. Kosimbetova and first-year student of the faculty of medicine A.A. Alimzhanova	Science and innovation International scientific journal volume 4 issue 5 may 2025 issn: 2181-3337 scientists.uz Стр172-176	scientists.uz	
8	The impact of regular physical activity on the overall health of schoolchildren	Z.B. Erimbetova and third-year student of the faculty of medicine Zh.B. Bakhodirov	Science and innovation International scientific journal volume 4 issue 5 may 2025 issn: 2181-3337 scientists.uz Стр67-69	scientists.uz	
9	Digitalization and physical inactivity: Challenges for the physical health of the younger generation	N.D. Oryngaliyeva and 1st year student of the faculty of pediatric sciences A.A. Dosmurzayeva	Science and innovation International scientific journal volume 4 issue 5 may 2025 issn: 2181-3337 scientists.uz	scientists.uz	

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10	Raxit kasalligiga olib keluvchi sabablar va kasallikning profilaktikasi	A.A. Madaminov Y. Abdigaparova, Master's degree student	World scientific research journal volume-38 Issue-1 April - 2025 https://scintific-jl.com/wsrj стр 358-361	https://scintific-jl.com/wsrj	
4	Materials of the conference conducted in the Republic				
1	Влияние цифровой среды и гиподинамии на физическое развитие детей после перенесенных инфекционных заболеваний	N.D. Oryngaliyeva	“Yuqumli kasalliklarni davolash va oldini olishning zamonaviy masalalari” mavzusidagi respublika ilmiy – amaliy konferensiyasim ateriallari toplami, KMI, Nukus 2025 yil 18 aprel UDK 616.9 KBK R51+E59		
2	Скрининг и оценка психомоторного развития детей до 6 лет	L. Baymuratova G. Zhiemuratova	IX Съезд педиатров Узбекистана Сборник тезисов 4-6 октябрь 2024 Тошкент www.pediatrica.uz	www.pediatrica.uz	
3	Влияние аллергодерматозов на рост и развитие детей постоянно проживающих в регионе Приаралья	S.S. Otekeeva G. Zhiemuratova	IX Съезд педиатров Узбекистана Сборник тезисов 4-6 октябрь 2024 Тошкент www.pediatrica.uz	www.pediatrica.uz	