

HISTORY OF THE DEPARTMENT OF PHTHISIOLOGY

In 1964, at the Andijan Medical Institute, for the first time on the basis of the Department of Therapy, was created a course of tuberculosis. Head of the course was K. Baltabaev.



Kurbanali Baltabaevich Baltabaev (1925-2006)

Through the activity of K.B. Baltabaev, the course of phthisiology was reorganized such us independent department. During this period, the department worked: Ph.D. R.Yu. Ibragimova, Ph.D. O.M. Musaev, Ph.D. K.G. Gofurov, Ph.D. A.A. Ablyazov, assistants T.T. Teshaboev, H.N. Madaminova, A.N. Nishanov, F.M. Matsinov and M.M. Yusupov.





Head of the department with founders of the Andijan Medical Institute.

In those years, the main scientific direction of the department was: "Study of the prevalence of primary and secondary drug resistance in the Andijan region." On the basis of the department, the only experimental bacteriological laboratory in the Fergana Valley was created, where liquid nutrient media were used to identify drug resistance. For that time, it was an innovative research, because these media allowed in a fairly short time to identify the resistance of mycobacterium tuberculosis and to correct the treatment of this category of patients. Today, new devices for determining drug resistance in liquid nutrient media (BACTEC apparatus - MGIT 960) have been created abroad. Life has confirmed the genius of the method proposed by K.B. Baltabaev. Long-term use of antibiotics in the complex treatment of tuberculosis patients led to the activation of the fungal flora, which was clinically very difficult to recognize. And only in the bacteriological laboratory of the department, the fungal flora was determined in sick chronicles, which made it possible to correctly establish the diagnosis and begin intensive antifungal therapy. This laboratory worked independently from the bacteriological laboratory of the regional anti-tuberculosis dispensary.

The department widely used new methods of teaching students to form a specialist with a wide clinical outlook.



Teachers and students after the scientific and practical conference



On the basis of the Department of Pediatric Tuberculosis and the Pediatric Tuberculosis Dispensary, such conferences were also held regularly.



Clinical conferences were regularly held in conjunction with students, as well as rounds of the associate professor and professor - this was a large school for enriching students' practical skills, such discussions were kept in their memory for a long time.

In 1978-1980, the staff of the department was replenished with promising employees, such as, Ph.D. V.R. Pulatov, V.M. Kostirina, Z.N. Makaseeva, I.P. Poluektova.

Particular attention at the department was paid to postgraduate education - internship, for the first time in the history of the university - each intern doctor, along with medical work, conducted a scientific research devoted to topical problems of phthisiology. The result of this research was the thesis, which formed young specialists, created the skill to work with indicators, find patterns, summarize data and, accordingly, draw conclusions.

For young specialists and doctors of the regional anti-tuberculosis dispensary, medical conferences were regularly held, in which employees of the department and intern doctors actively participated. Every week, young people prepared reports on the news of medicine and phthisiology, presenting materials at morning conferences, this made it possible to master new methods, introduce them into practice, as well as frequent speeches in front of an audience, formed oratory skills and the ability to work with an audience among young phthisiatricians.

At that time, the work of the scientific society of phthisiatricians was well superimposed, where, along with the analysis of theoretical problems, at each meeting the report of the district tuberculosis dispensaries was heard, after the

report of the chief physician of the dispensary, the curator and opponents from the leading specialists of the regional dispensary spoke. The task of the society was to improve the epidemiological indicators of tuberculosis, increase the effectiveness of treatment, and introduce new methods of diagnosis and treatment.

To prepare for the debriefing in the phthisiatric society, the department staff, as part of the dispensary brigade, made trips to the districts: where they provided practical assistance, the associate professor and professor consulted seriously ill patients, assistants studied dispensary groups, helping to transfer patients to inactive groups in a timely manner. Based on the results of the check, a practical conference was held, or as they now call master classes. It was a great help to practical doctors.

The staff of the department, together with the doctors of the Tuberculosis dispensary, took part in the work of the All-Union and republican conferences of phthisiatricians. The scientific phthisiology potential in those years included a large army of specialists with advanced degrees. The level of congresses and conferences held was quite high.



Participants of the All-Union conference of phthisiologists in the city of Andijan in the second row in the center, director of the Central Scientific Research Institute of the Ministry of Health of the USSR, Academic A.G. Khomenko.

In the 1980-1981 academic year, on the basis of the regional children's Tuberculosis dispensary, was created the department of "Children's Tuberculosis", which was headed by Associate Professor R.Yu. Ibragimova.



Roza Yusupovna Ibragimova (1933-2011)

Head of the department R.Yu. Ibragimova was a hardworking, modest and kind person. Highly erudite possessed an oratorical gift, she could discern a future major specialist in a student. Having found such a promising young man as a true jeweler, she revealed the facets of this man's talent. Painstaking work and skill allowed her to educate a whole galaxy of young professionals. R.Yu. Ibragimova introduced new interactive methods into the educational process. She saw the main task in the formation of a highly qualified specialist with creative thinking, hard work and modesty. She wrote more than 150 articles, theses, teaching aids. Her clinical thinking, her rich experience of working with patients always aroused respect, she caught insignificant changes in the patient's body associated with the side effects of drugs. Rosa Yusupovna's scientific and practical experience helped to save and return hundreds of seriously ill patients to their families. Today, we are Rosa Yusupovna's students, we remember with gratitude what a patient mentor she was, all our mistakes, omissions she skillfully, painlessly with a sense of humor, she corrected and we all perceived it correctly, without offense. Our mentors were easy to communicate, open and approachable. If we had questions or a difference of opinion, then without any hesitation we could turn to them, all questions received answers, this is how the specialists were forged. On the initiative of R.Yu. Ibragimova, a scientific and practical conference of students, the best clinical report, the most interesting scientific report were introduced into the educational practice. The student scientific society was actively working, the participants received students both in republican and all-union scientific conferences.

K.B. Baltabaev established good relations with the leading institutes of the USSR, thanks to which, in 1982-1988, a number of young assistants of the department

underwent targeted postgraduate studies at the Central Research Institute of Tuberculosis of the MzSSSR. They were: V.V. Muratov (candidate and then doctoral dissertation); Ph.D. theses were defended by: R.A. Khakimova (Khodzhaeva) (1982-1985); Sh.B. Akhunov (1983-1986); V.V. Dadabaev (1985-1987); A.A. Abdullaev (1986-1988), M.M. Yusupova (1987-1989). These were the years of the scientific take-off of the department, almost all of the assistants had a Ph.D. degree. After the retirement of Professor K.B. Baltabaev, from 1992 to 2000 the department was headed by a highly qualified specialist associate professor Sh.B. Akhunov. Sherzod Baykhanovich was a professional, was an experienced teacher, had a great oratorical talent.



Sherzod Baykhanovich Akhunov (1952-2000)

Under the leadership of Sh.B. Akhunov, the scientific research of the department bore a versatile direction: the study of the epidemiology of secondary tuberculosis, the development and implementation of new methods of pathogenetic therapy of patients, the prevention of tuberculosis in the foci of tuberculosis infection. Scientific articles, abstracts, educational and methodological recommendations were regularly published on the topics under study.

In subsequent years (a transitional period in the country), the retirement of our mentors, the untimely death of Sh.B. Akhunova, departure of MD. V.V. Muratov to Russia, the department entered a period of decline in scientific activity. As in all sections of medical science, established ties with central institutions were broken, and in the republic itself, the number of dissertations defended, including on phthiology, sharply decreased.

From 2001 to 2004, the department was headed by Doctor of Medical Sciences. R.D. Paiziev, who combined this position with the position of chief physician of the city TB dispensary. Considering that it was difficult for him to combine these types of work in 2004, his post was replaced by associate professor A.A. Abdullaev, who a year later was transferred to the head of the pulmonology

department of the AGMI clinic. From 2005 to the present day, the work of the Department of Phthysiology as part of the Department of Microbiology, Virology and Immunology is headed by Associate Professor R.A. Khakimova.



In 2009-2011, associate professor RA Khakimova, assistant Zh.Kh. Khalilov, completed an applied grant ITSS-28 (worth 71 million soums) on the topic: "Diagnostics and differential diagnosis of tuberculosis in HIV-infected people. Organization and implementation of antiretroviral therapy for HIV-infected patients with tuberculosis in the Andijan region. " According to the results of the grant research, scientific articles, abstracts, educational and methodological recommendations were published, rationalization proposals were introduced into practice.

The material and technical equipment of the department is enriched with new equipment from year to year qvositalari (slideoscope, overhead projector, computer, negetascope, video recorder, TV, multimedia.) This made it possible to conduct practical classes, lectures at a higher level. For each lesson and lecture, presentations and video lectures are prepared in the learning process, video films downloaded from the Internet and created at the department are shown. These videos are especially helpful in developing practical skills.



At each cycle, a scientific-practical or clinical conference is held with students on various topical issues of phthiology. Snapshot on the topic: "Side effects of anti-tuberculosis drugs."



Approbation of a new pedagogical technology - "Who is applying for excellent?" In the practice of the educational process, the staff of the department introduced new pedagogical technologies that make it more interesting to conduct a lesson and increase the assimilation of the material.

On October 15, 2018, the department was relocated to the Andijan Regional TB Dispensary. Location address: Asaka fog, Yangi Sor MFY 5-house



In 2012, on the basis of the department, a magistracy was opened, it was completed by 2 residents. The commission for the defense of the master's thesis was headed by Dr. med. D.Z. Mukhtarov, Head of the Department of Phthisiology, TashIUV. Theses were successfully defended, both applicants received the title of Master of Phthisiology.

A scientific student circle “STOP TB” was created at the department, the work of which has significantly intensified in recent years. The result of the fruitful work of the staff and members of the circle was that our circle member I. Bektashev has been conducting scientific research for 3 years and in 2019 won the honorary 1st place at the international online conference of young scientists. Currently, the work of the circle is aimed at developing prevention of drug resistance formation in patients receiving outpatient treatment. It is planned to introduce IT technology into the practice of polyclinics for daily monitoring of drug intake. A patent application has been filed on this topic, this material was reported at the youth forum.

In the formation of the young generation, an important role at the department is given to ideological and educational education. Various events are held at a high level.

An enlightenment room has been created at the department, where each student can get acquainted with the idea of national independence, with the state flag, emblem and anthem of independent Uzbekistan. Tireless work is being carried out to prevent drug addiction, alcoholism and other bad habits among student youth. An important work is being carried out to prevent violations of the laws of the

Republic of Uzbekistan. Conversations are held among young people aimed at forming a feeling of love for the motherland, fatherland, fostering national pride, the ability to value and create national values. Know and respect the history of the fatherland, continue to develop the best traditions created over thousands of years by our scientists, politicians, doctors, etc. Discussions of the works of the President of the Republic of Uzbekistan Sh.M. Mirziyoyev are regularly held with the students. The heritage of great people who created a rich national heritage is being studied: Ibn Sina, Amir Temur, A. Navoiy, Z.M. Bobur, At-Termiziy, Al-Fargoniy, J. Manguberdi, Temur Malik, Alpomish A. Chulpon and others. On significant dates of births of great poets and statesmen, theatrical evenings are organized and held to study their work. A photo album and a banner dedicated to the study of the heritage of our compatriot Z.M. Beaubourg.



With the staff of the regional tuberculosis dispensary, with the support of representatives of international organizations PROJEKT HOOPE and USAID: an event was jointly organized and held in the framework of improving the effectiveness of treatment of tuberculosis patients and increasing patient adherence to treatment. Patients from all fogs of the region have received carefully controlled treatment and achieved significant effects. For patients currently receiving treatment, this event showcased scenes from the lives of well-treated patients and those who received irregular treatment. The presented panels, layouts, banners, brochures complemented the developed theme even more clearly. The cured

patients present quite emotionally and easily described their experiences when the disease was detected and how they achieved the cure. The invited patients were presented with gifts from sponsors.



Within the framework of this event, materials were presented, reflecting the work of the "patient's school", the work of the department and the dispensary in this direction was noted by international organizations. In each department, such schools have been created, in their equipment, enrichment with accessible illustrative material, brochures, banners and layouts made a great contribution by the staff of the department and students. Of particular interest among patients and representatives of international organizations was the model created by the 4th year student of the medical faculty I. Bektashev. This layout reflects dwellings: with complete unsanitary conditions (dust, dirt, alcohol, uncleaned premises, unwashed windows), in the second half of the layout, the opposite, a bright, tidy room, cleanliness. Each student of the model immediately has an opinion that where there is unsanitary conditions, there is no ventilation and the frequency - the risk of developing tuberculosis is quite high.





The staff of the department, in conscience with the staff of the dispensary or independently in the fogs of the region, conduct seminars, conferences and master classes on various problems of phthisiology. The main task of the activities is to increase the knowledge of general practitioners and district TB doctors on the prevention and early detection of tuberculosis.



Seminar with doctors of the regional children's Tuberculosis sanatoria on the theme “Detecting tuberculosis v on modern method in children.”



Master class with doctors of the family polyclinic in Kokand on innovative methods of diagnosing tuberculosis.



Together with the staff of the regional anti-tuberculosis dispensary, the district department of the in Izbaskan region, with doctors of the general medical network, a conference was held on the state of the anti-tuberculosis service in the fog, identified shortcomings and ways to eliminate them.

In order to improve the teaching of phthisiology, the staff of the department invite leading specialists from abroad.



Together with the staff of the scientific and practical center of the republic for innovative distance learning, the Department of Phthisiology of the TMA and our department, an online lecture was organized by the leading specialist of the Generis center - modern tuberculin diagnostics of Russia, Ph.D. D.V. Medvedev on the topic: "The role of Diaskintest in the early diagnosis of tuberculosis."



On February 10, 2021, the department organized an online webinar for the staff of the department, the regional anti-tuberculosis dispensary and students on the topic: "The role of non-tuberculosis mycobacteriosis in the practice of a phthisiopulmonologist". Speaker MD Anna Sergeevna Zaitseva Head of the Pulmonology Department of the Scientific and Practical Center of the Institute of Phthisiology, Russian Academy of Medical Sciences, Moscow.



On February 24, 2021, an online webinar was held on the topic: "Organization of detection of latent tuberculosis and principles of treatment" Natalya Leonidovna Karpina, Head of the Department of Diagnostics and Rehabilitation of Respiratory Diseases, Scientific and Practical Center of the Institute of Phthiology, Russian Academy of Medical Sciences, Moscow



On March 25, 2021, employees of the Department of Phthiology, the Regional Tuberculosis Dispensary and students took part in an online conference organized by the Department of Phthiology of TashPMI, listened to a lecture by the head of the Department of Phthiology of the St. Petersburg Pediatric Academy, Professor M.E. Lazovskaya on the theme: "Early detection of tuberculosis in children at the present stage."

Scientific direction of research of the Department of Phthiology:

1.R.A. Khakimova, D.K. Maksumova, I.I. Bektashev - "Methods of improving prevention for the formation of drug resistance";

2. RA Khakimova, doctoral candidate of the Department of Chemistry, ADTI I. Mamatova fragment of the thesis: The use of bio-supplements (food additives) in the complex treatment of drug-resistant tuberculosis;

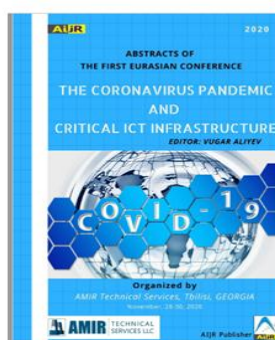
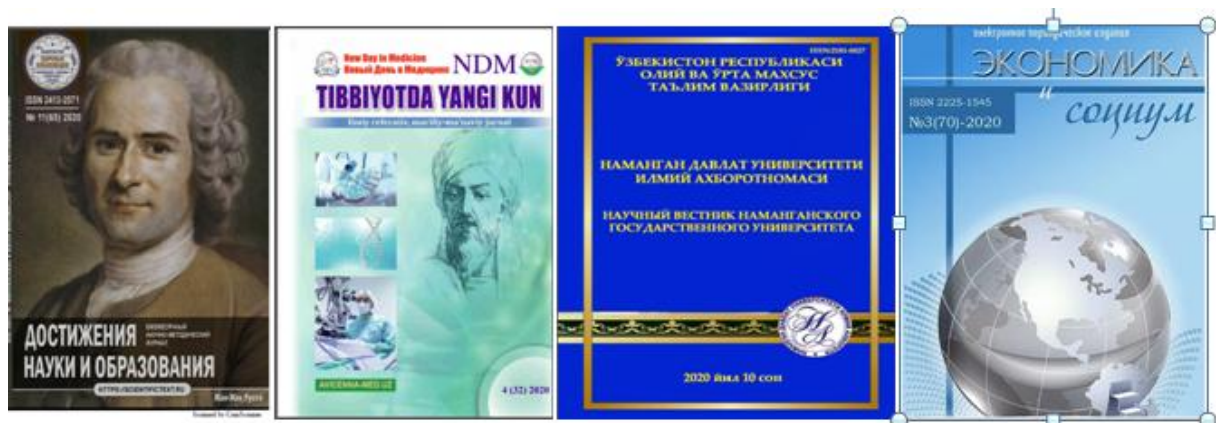
3.R.A. Khakimova, R.K. Abdumanapova, B.T. Botirova, Sh. Yu. Oripov - Features of the course of infiltrative tuberculosis on a comorbid background in young people;

4.R.A. Khakimova, M.Zh. Khudayberdieva, F. I. Sultonov, I.K. Mavlyanov - The use of new innovative methods in the diagnosis of abdominal tuberculosis.

On the basis of the conducted scientific research, the employee of the department received the following patents:



The results of scientific research in 2020 were sanctified in 14 scientific articles and 23 abstracts published in foreign and domestic publications.



In 2020, the staff of the department received permission to publish 2 textbooks:

**O'QUV ADABIYOTINING
NASHR RUXSATNOMASI**

O'zbekiston Respublikasi Oliy va o'rta maxsus
ta'lim vazirligining 20 20 yil "14" avgust dagi
"418" -sonli buyrug'iga asosan

N.S.Xakimov, R.A.Xakimova, Z.Sh.Madumarova, M.A.Jo'raeva
(muallifning familiyasi, ismi-sharifi)
5510100-Davolash ishi

(ta'lim yo'nalishi (mutaxassisligi))

ning

talabalari (o'quvchilari) uchun tavsiya etilgan

Ультразвуковое обследование беременности номли

(o'quv adabiyotining nomi va turi, dastlab o'quv qo'llanmasi)

o'quv qo'llanmasi

ga

O'zbekiston Respublikasi Vazirlar Mahkamasi tomonidan
litsenziya berilgan nashriyotlarda nashr etishga ruxsat
berildi.



Vazir

(imzo)

I. Madjidov

Ro'yxatga olish raqami 418-510

**O'QUV ADABIYOTINING
NASHR RUXSATNOMASI**

O'zbekiston Respublikasi Oliy va o'rta maxsus
ta'lim vazirligining 20 20 yil "14" avgust dagi
"418" -sonli buyrug'iga asosan

N.S.Xakimov, R.A.Xakimova, Z.Sh.Madumarova, M.A.Jo'raeva
(muallifning familiyasi, ismi-sharifi)

5510100-Davolash ishi, 5111000-Kasb ta'limi,

(5510100-Davolash ishi),
(ta'lim yo'nalishi (mutaxassisligi))

5510200-Pediatriya

ning

talabalari (o'quvchilari) uchun tavsiya etilgan

Ультразвуковая диагностика беременности и плаценты номли

(o'quv adabiyotining nomi va turi, dastlab o'quv qo'llanmasi)

o'quv qo'llanmasi

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O'zbekiston Respublikasi Vazirlar Mahkamasi tomonidan
litsenziya berilgan nashriyotlarda nashr etishga ruxsat
berildi.



Vazir

(imzo)

I. Madjidov