

Andijan State Medical Institute Department of Normal  
Physiology



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**History and activities of the Department of Normal Physiology,  
Andijan State Medical Institute**

The Department of Normal Physiology was founded in [1956](#). The members of the department at that time were: 28-year-old candidate of biological sciences G.F. Korotko - head of the department of normal physiology, associate professor R.P. Pulatov and two assistants: Botirov Sh.K., a former employee of the department of propaedeutics of internal diseases TashMI and Yu. Sh. Shcherbakov.

In [1957](#), associate professor R.P. Pulatov was transferred to the chair of the Department of Pathological Physiology, K.V. Botirov was transferred as an assistant to the Department of Propaedeutics of Internal Diseases of the ASMI, and therefore the teaching staff of the department was updated.

By order of TashMI [Z.KH.](#) KHALILOV was appointed to the post of assistant chair. Associate Professor of Andijan State Pedagogical Institute Kh. Yusupov was invited to give lectures as an hourly employee, assistant to the Department of Biology M.T. Islyamova was invited to the post of assistant of the department. From the first years of the creation of the department, the scientific work on the subject "The influence of high temperatures on the digestive system", started in [TashMI.To](#) help establish the scientific activity of the department, scientists from Moscow and Leningrad were parried: [G.K.Shlygin](#), A.M. Ugolev and L.V. Fomina. In [1958](#), after graduating from Leningrad University, I.V. Tolstopyatov was accepted as a senior laboratory assistant and in the same year, a student of Tashkent State University S.E. Zunnunova arrived to complete the thesis. In [1959](#), E. [Ya.Dumin](#), who worked at the department for a short period, was appointed to the post of assistant professor of the department.

In [1960](#), a postgraduate study opened at the department and D.D. Dadamirzaev became the first postgraduate student. S. E Zununova was the second postgraduate student. A lot of scientific staff of the department passed their scientific path through graduate school. These were B. N. Nuritdinov, K. B. Inamova, B. N. Dzhuraboev, A. A. Ablyazov, A. N. Aripov, K. Yu. Latipova, Yu. Kalinin, E. A. Vepritskaya, Sh. [A.Kh.](#) Abdurakhmonov, A.A. Nishanova. All of them completed their scientific work and defended their dissertations.

By [1960](#), the topic of climatophysiology was completed, and research on digestive enzymes began.

In [1959](#), G.F. Korotko defended his doctoral dissertation, [1962](#). Yu. A. Sherbakov defended his thesis. Since the [1960s](#), the scientific potential of the department has grown significantly at the department.

The department also established educational and methodological work. [G.F.Korotko](#) is a co-author of textbooks published in Moscow in [1987](#), [1988](#) and

workshops on normal physiology ([1985](#)), Sh.K. Kodirov and J.D. Dadamirzaev translated this workshop on normal physiology into Uzbek and released in [1996](#)

The department published 10 monographs under the guidance of Professor G.F. Korotko: "Function of organic phenomena and climate", [1960](#); "Incretion and isolation of pepsinogen", [1965](#); "Isolation of enzymes by the glands of the stomach", [1971](#); Uropepsinogen. [1974](#), "Digestive enzymes of the blood (essays on enzyme homeostasis)" in [1983](#). "Active lifestyle and health of students" [1988](#), "Secretion of glands. Essays (traditional and non-traditional aspects of the secretory process)" [1986](#), "Introduction to physiology of the gastrointestinal tract" [1987](#). "Guide to physiology (physiology of the stomach)" [1974](#) y., "Gastric digestion, its functional organization and role in the digestive conveyor" [1980](#), Sh.K. Kodirov, A.N. Kodyrov study guide: "Basic age constants and physiology indicators human (reference for doctors of all specialties)" [1997](#). Head of the Department of Normal Physiology of the Tashkent Medical Institute, Associate Professor [O.T. Alyaviya](#)

Since the foundation of the department, the head of the department has been: Professor G.F. Korotko [1956-1992](#); Professor V.G. Sukhoterin [1992-1994](#); Professor Sh.K. Kodirov headed [1994-2012](#).



Korotko Gennady Feodosievich

Born in [1928](#), doctor of biological sciences, professor, honored worker of science of Uzbekistan and the Kuban, laureate of the State Prize of the Russian Federation, honored professor Soros, founder of the department of normal physiology of the ASMI, in [1956-1992](#) he headed this department



Kodirov Shokir Kodirovich

Professor Sh.K. Kodirov headed the department from [1994](#) to [2012](#). From [2012](#) to the present, he is a professor at the Department of Normal and Pathological Physiology of the Andijan State Medical Institute. Under his leadership, 2 doctoral, 5 candidate and 5 master's theses have been prepared.

The composition of the department for [2006](#)



Information about the current composition of the department

1	Khudoyarova A.G.	Candidate of Medical Sciences, Associate Professor, Head of Department
2	Kodirov Sh.K.	Doctor of Medical Sciences, Professor
3	Aleinik V.A.	Doctor of Medical Sciences, Professor
4	Baybekova G.D.	Candidate of Medical Sciences, Associate Professor
5	Kodirov A.N.	Candidate of Medical Sciences, Associate Professor

6	Zulunova I.B.	Candidate of Medical Sciences, Associate Professor
7	Mirzarakhimova M.A.	Assistant of the department
8	Mamazhanova O.S.	Assistant of the department
9	Turabiddinova G.O.	Assistant of the department
10	Bazarova A.M.	Assistant of the department
11	Abdurakhmanov A.X	Assistant of the department
12	Usmanov I	Assistant of the department
13	Irgasheva D.G.	Assistant of the department

The staff of the department is dedicated to improving the educational and methodological work and is engaged in scientific research at the department. The department also has established work with gifted students.

As evidence of this, we can say that our students have occupied an honorable place at the republican Olympiad in normal physiology over the past 20 years.

## **EDUCATIONAL AND METHODOLOGICAL ACTIVITIES OF THE DEPARTMENT**

Andijan physiologists led by the head. Department of Normal Physiology, Professor Sh.K. Kodirova A., Head of the Department of Physiology, TashStomI, Alavia O.T. and associate professors of the Department of Normal Physiology of the ASMI A.N. Kodirova, Sh. Kh. Khamrokulova as well as the head of the Department of Physiology of the ASU, Associate Professor [E.Kh. Khalilov](#) published the textbook “Normal Physiology” in the Uzbek language in [2006-2007](#) (in the Latin script and in Cyrillic).

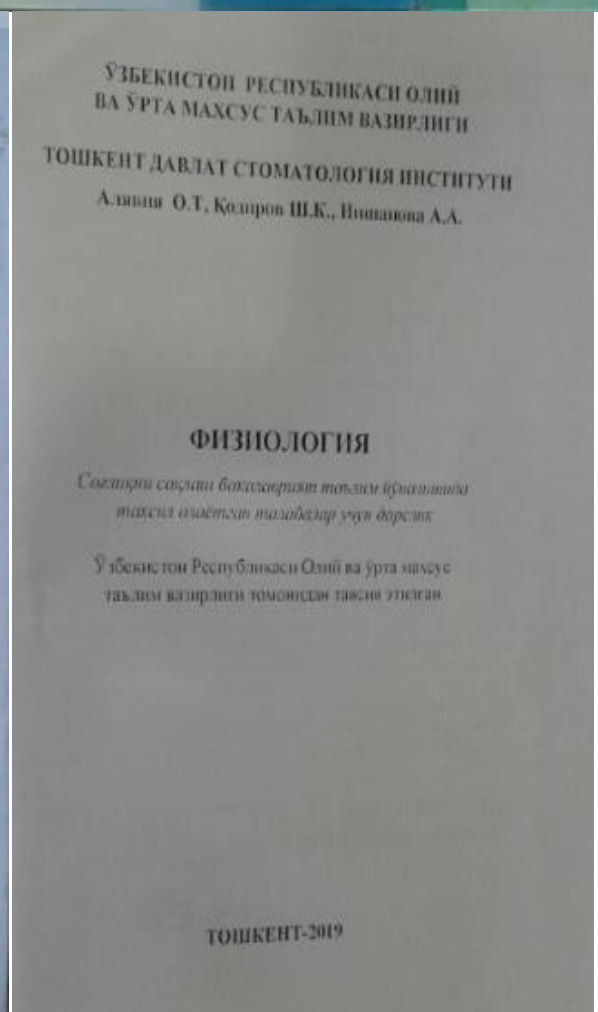
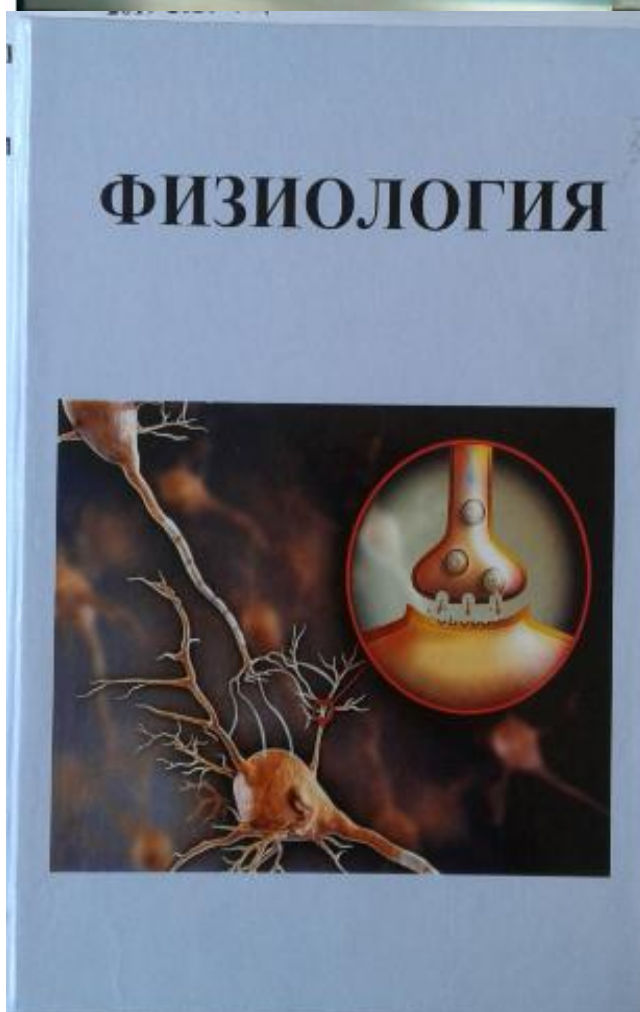
In [2019](#), the textbook was reprinted and supplemented, currently students are studying on this textbook.

### **Monographs and textbooks published at the department**

1. General Provisions. The function of the digestive system in hot climates. ([Yu.Yu. Yunusov](#), G.F. Korotko) [1960](#) Tashkent.
2. Incretion and secretion of pepsinogen. G.F. Korotko. Tashkent. [1965](#)
- [3](#). Description and characteristics of G. g.F. I.O. Korotko. [1971](#) Tashkent.
4. Uropepsinogen. G.F. Korotko. [1974](#) Tashkent.
5. A guide to physiology (physiology of the stomach). G. F. Korotko. [1974](#) Moscow.
6. Gastric digestion, its functional organization and role in the food conveyor. G.F. Korotko. [1980](#) Tashkent.

7. Enzymes of the digestive glands in the blood (essays on enzyme homeostasis). G.F. Korotko. [1983](#) Tashkent.
8. Active lifestyle and health of students. G.F. Korotko. [1988](#) Tashkent.
9. Secretion of glands. Essays (traditional and non-traditional aspects of the secretory process). (Moscow) G.F. Korotko, E.A. Shubnikova). [1986](#) Moscow.
10. Introduction to the physiology of the gastrointestinal tract G.F. Korotko. [1987](#) Tashkent.
11. Physiology textbook. G.F. Korotko. [1985](#) Moscow.
12. Physiology of the fetus and children (a textbook for students of medical institutes). G. F. Korotko. [1988](#) Moscow.
13. Guide to practical exercises on "Digestion". G.F. Korotko. [1988](#) Moscow.
- [14. Physiology](#) and pathology of the digestive system in (G.F. Korotko, Shekhtman M.M., Burkov S.G.). [1989](#) Tashkent.
15. The practical application of physiology. Sh.K. Kodirov, Dadamirzaev J.D. Tashkent. [1995](#).
- [16.](#) The main age constants and indicators of human physiology (a reference for doctors of all specialties). Sh. K Kodirov., Kodirov AN, A. Nazarbayev [1997](#). Bishkek.
17. Textbook for students of medical institutes "Normal physiology" Tashkent, [2006](#), [2007](#)
- [18.](#) Textbook for students of medical institutes "Normal physiology" (second edition, supplemented) Tashkent, [2019](#)





## "Atlas" in the subject of normal physiology



Scientific symposia and conferences held at the department

No	Name of the event	Year of the event	Number of participants
1	All-Union Symposium "Enzyme-excreting activity of the stomach in normal and pathological conditions"	<a href="#">1971</a> October <a href="#">4-5</a>	80
2	All-Union Conference "Enzyme-excreting activity of the digestive glands and its regulation"	<a href="#">1974</a> October 1-3	240
3	All-Union Symposium "The Incretion of Enzymes by the Digestive Glands"	<a href="#">1978</a> October <a href="#">4-6</a>	100
4	All-Union Conference dedicated to the <a href="#">100</a> th anniversary of the birth of IP Razenkov "Secretion of the digestive glands in the norm and pathology"	1988 October 3-5	200

Scientific and practical conferences among young scientists, students and masters

ANDIJAN STATE MEDICAL INSTITUTE THE  
CHAIR OF NORMAL PHYSIOLOGY

АКТУАЛЬНЫЕ ПРОБЛЕМЫ ПИЩЕВАРЕНИЯ И  
ОБМЕНА ВЕЩЕСТВ У ДЕТЕЙ

БОЛАЛАРДА ОВҚАТ ХАЗМ ҚИЛИШИ ВА  
МОДДАЛАР АЛМАШИНУВИНИНГ ДОЛЗАРБ  
МУОММОЛАРИ

ACTUAL PROBLEM OF DIGESTION IN CHILDREN  
OF DIFFERENT AGE GROUPS



АНДИЖАН, 2017

АНДИЖОН ДАВЛАТТИББИЁТ ИНСТИТУТИ

НОРМАЛ ФИЗИОЛОГИЯ КАФЕДРАСИ

«Хазм физиологиясининг долзарб муаммолари»

«Актуальные вопросы « физиологии пищеварения»

«Actual questions in the physiologies of digestion »



Андижон 2017

## Achievements of department staff and students



Diploma of participants of the Moscow International Salon of Education, which was awarded to the staff of the department, Professor Aleinik V.A. and associate professor Zulunova I.B.



Diplomas of winners in the international physiology Olympiad in normal physiology held in the city of Stavropol (Russia) in April [2019](#)



Letter of thanks from the rector of the Stavropol Medical University [V.I.Koshel](#) to the rector of the Andijan Medical Institute Madazimova M.M. for facilitating the participation of students of the AGMI in the international Olympiad in normal physiology in the city of Stavropol in April [2019](#).



Diplomas of participants of Republican Olympiads in Normal Physiology





Diplomas and certificates of participants of the forum held by the Ferghana branch of the Tashkent Medical Academy  
"Talented students are the creators of our future"





## Diplomas of the ongoing innovative fair “INNOWEEK [2019](#)”



## Conference Participant Certificate “Ertangi kun bizniki, marra bizniki “, hosted by Namangan State University, April [2016](#)



## Scientific directions of the department

Today, the Department of Normal Physiology conducts research in the following areas:

1. "The role of the digestive glands in enzyme homeostasis"
2. "The effect of hypokinesia, high temperature and insolation on enzyme homeostasis"
3. "Enzymatic homeostasis in diseases of the endocrine glands"



Рисунок 1 Olympiad





Рисунок 2 Olympiad



Рисунок 3 Olympiad





Рисунок 4 Olympiad









Рисунок 6 Preparation for the olympiad





*Рисунок 7 Олимпиад*



*Рисунок 8 Olympiad*





Рисунок 9 Олимпиад



*Рисунок 10 Olympiad*





Рисунок 11 Олимпиад



*Рисунок 12 Evening in memory of Batyr Zakirov*



*Рисунок 13 Evening in memory of Batyr Zakirov*





*Рисунок 14 Evening in memory of Batyr Zakirov*





*Рисунок 15 Evening in memory of Batyr Zakirov*



Рисунок 16 Evening in memory of Batyr Zakirov



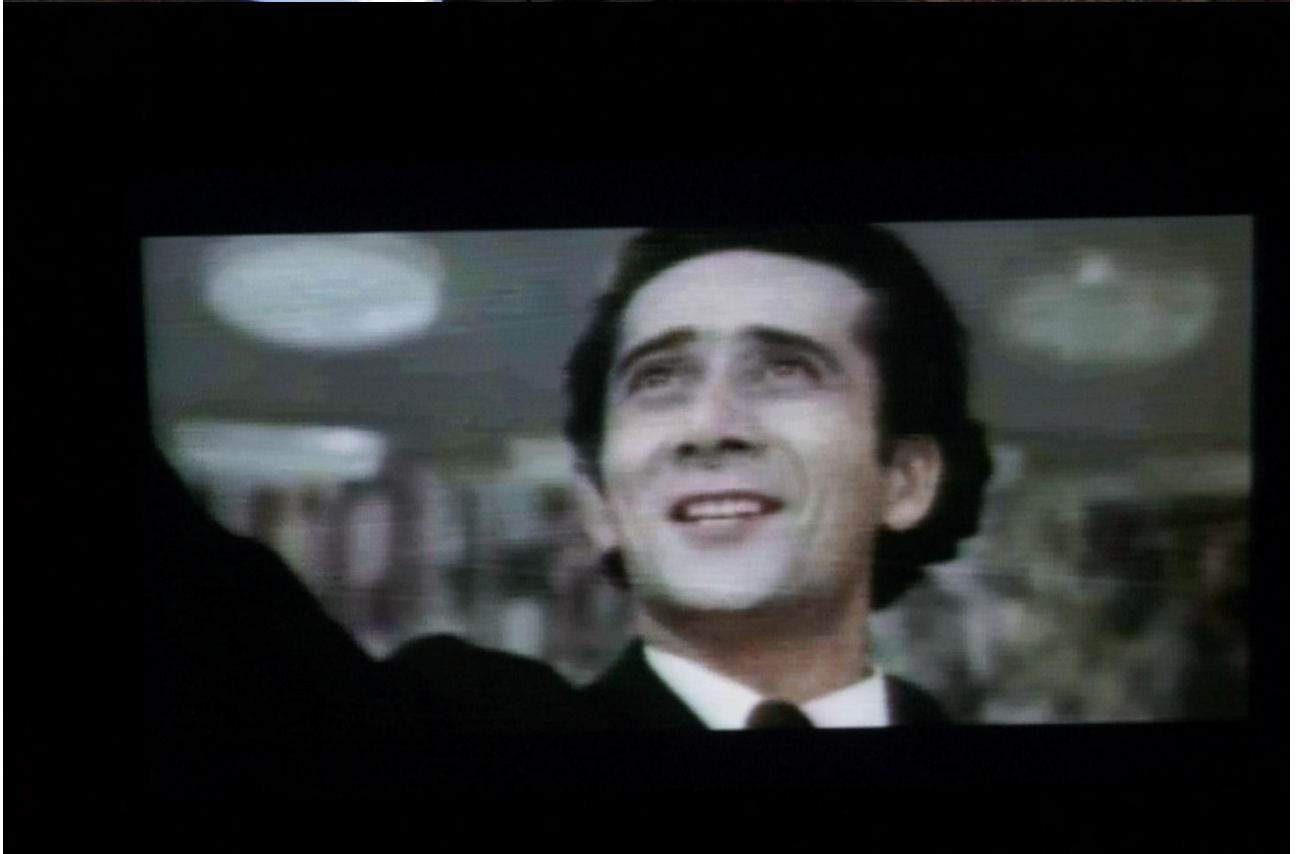


*Рисунок 17 Evening in memory of Batyr Zakirov*



*Рисунок 18 Evening in memory of Batyr Zakirov*



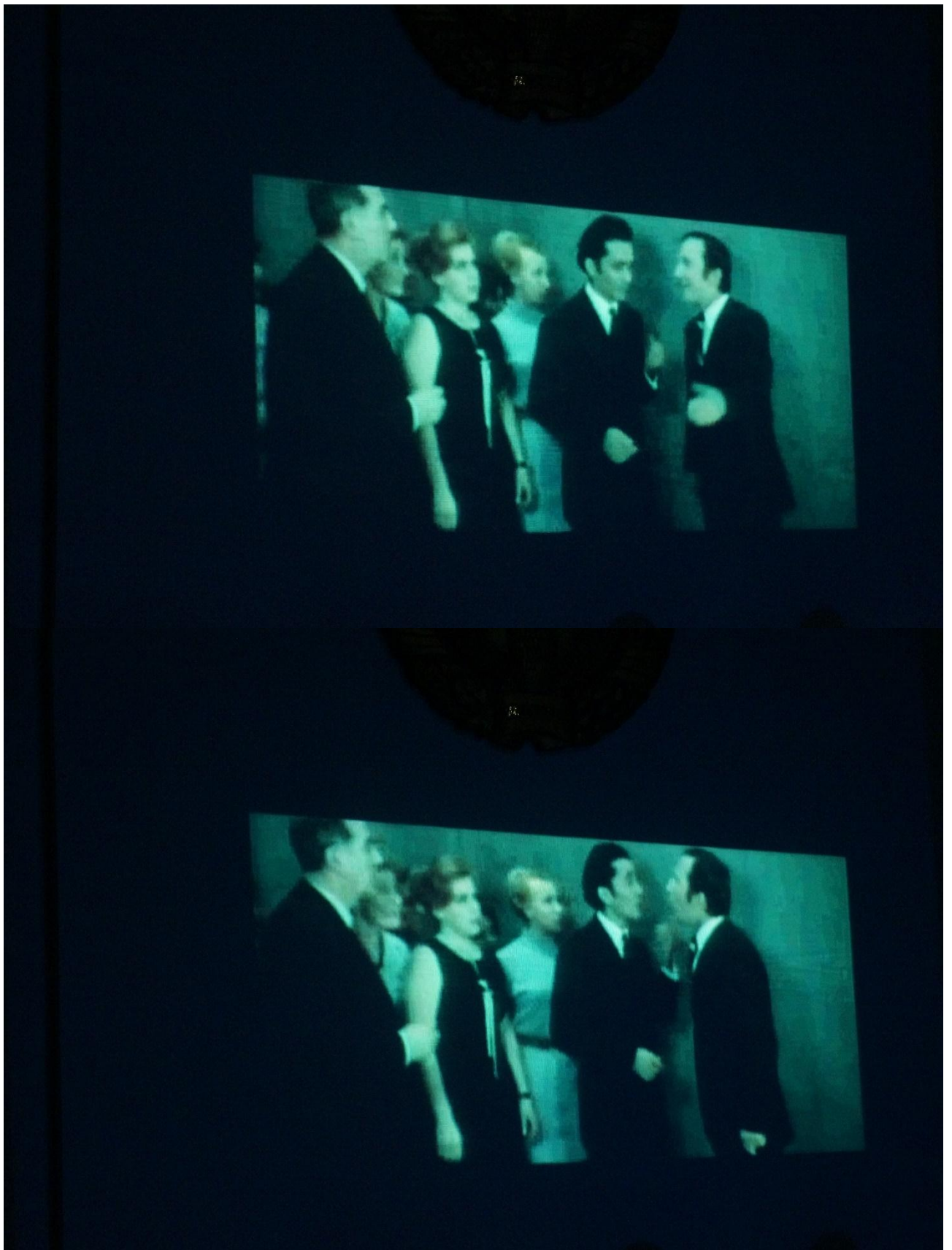


*Рисунок 19 Evening in memory of Batyr Zakirov*



*Рисунок 20 Evening in memory of Batyr Zakirov*





*Рисунок 21 Evening in memory of Batyr Zakirov*



*Рисунок 22 Evening in memory of Batyr Zakirov*





*Рисунок 23 Evening in memory of Batyr Zakirov*





*Рисунок 24 Evening in memory of Batyr Zakirov*



*Рисунок 25 Вечер памяти Батыра Закирова*





*Рисунок 26 Evening in memory of Batyr Zakirov*