

**T. Sh. Sharmanov:**

Dear friends!

I would like to welcome You to the celebration of the 30<sup>th</sup> anniversary of the Kazakh Academy of Nutrition! I would like to express to You my appreciation of the fact that You came today to share with us the joy of this holiday.

Today, the following persons are present at our celebration (presenting of the Presidium):

- **Aitimova Byrganym Sariyevna** – the Deputy Prime Minister of the Republic of Kazakhstan;

- **Sultanov Kuanysh Sultanovich** – the Chairman of the Committee for Social Issues under the Senate of the Parliament of the Republic of Kazakhstan, the former Ambassador of Kazakhstan to the Republic of China;

- **Dikanbayeva Saule Alkeevna** – a person, who is close to us all in the government in the sphere of healthcare, a Doctor of Medicine, the Vice-Minister of the Ministry of Healthcare of the Republic of Kazakhstan;

- **Aubakirov Tokhtar Angarbayevich** – Kazakhstan’s first astronaut, who possesses the rank of a Hero of the Soviet Union and the Kazakhstan State-granted title of *Khalyk Kaharmany* [“Defender of the Nation”];

- **Musabayev Talgat Amangeldiyevich** – space-pilot, who possesses the rank of a Hero of the Russian Federation and the Kazakhstan State-granted title of *Khalyk Kaharmany*;

- **Abai Tasbulatov** – Lieutenant-General, the Vice Minister of Defense of the Republic of Kazakhstan;

- **Baturin Aleksandr Konstantinovich** – the Deputy Director of the Institute of Nutrition under the RAMN [the Russian Academy of Medical Sciences], our innovator and friend;

Academician **Atchabarov Bakhiya Atchabarovich** – one of the initiators of establishment of the scientific direction of nutrition, our mentor, the teacher respected by everybody.

I would have liked to see at the Presidium table the Minister of Healthcare of the Republic of Kyrgyzstan, **Shteinke Ludmila Vasilyevna**.

Representatives of many countries came to attend our festivity (presenting the Guests): representatives of the CDC (Centers for Disease Control and Prevention, USA), representatives of the Emory University (USA), the MOST organization (Micronutrients Program of the US Agency for International Development), the Initiative on Elimination of Micronutrients Deficiency (USA), as well as representatives of the WHO (the World Health Organization), the UNICEF (The United Nations Children’s Fund), the Asian Development Bank (ABR), the USAID (the United States Agency for International Development).

Groups of delegates from the countries of Azerbaijan, Afghanistan, Armenia, Georgia, Kyrgyzstan, Mongolia, Russia, Tajikistan, Turkmenistan, Uzbekistan, and Ukraine have arrived here as well. In short, a large group of delegates from various countries.

Present here are also delegations from various scientific-research organizations of the Republic of Kazakhstan and representatives of healthcare institutions and the Sanitation-Epidemiological Service of the Republic of Kazakhstan, as well as students of Kazakhstan’s medical universities – scholars and fellows of nominal scholarships.

Please allow me to thank the representatives and delegates who arrived here to congratulate us and partake in our joy. It is an expression of respect towards us.

Now, before proceeding to the agenda, I would like to give floor to a guest who is very important to us, and who came especially for this occasion from Astana – the Deputy Prime Minister of our Republic – Aitimova Byrganym Sariyevna.

### **The Speech of the Deputy Prime Minister of the Republic of Kazakhstan, B. S. Aitimova.**

Dear participants of the international conference!

Dear contemporaries!

Dear Ladies and Gentlemen!

Guests!

Please allow me to congratulate you from the bottom of my heart with this festive occasion – the 30<sup>th</sup> anniversary of the founding of the Kazakh Academy of Nutrition!

Everyone knows that the Academy of Nutrition of Kazakhstan is an exemplary scientific center, one of the most progressive institutions in the Central-Asian Region. One can discuss with particular pride the work that you have been carrying out over the course of the past years. As You know, in the Address of the country's President to the peoples of Kazakhstan it was stated that Kazakhstan should strive towards ability to meet competitiveness of other countries. In this connection, I would like to, with particular compliments, say that such organizations with the ability to meet competition exist in our country.

Not mentioning the other accomplishments of the Academy's President, but solely based on the fact that in 1978, under direct supervision of much-esteemed Toregeldy Sharmanovich, the Director of your Academy, solely on the basis of the WHO conference that has been engraved into history with golden letters, we may judge the particular significance of the work that You have done for the Republic of Kazakhstan.

This is why, speaking on my own behalf and on behalf of the Government of the Republic of Kazakhstan, I would like to ask permission to wish you excellent health, happiness in your family life and successes in the noble labor for the future of our nation!

Dear participants of the scientific-practical conference "The National Policy on Healthy Nutrition in the Republic of Kazakhstan"! Dear famous guests, it seems to me that not every scientific-practical conference and not every medical institution or academy may have the chance to take pride, as this conference can, in being honored with the presence of such stars in the days of the anniversary of the Academy of Nutrition.

Dear Kuanysh Sultanovich, since the Parliament is one of the most powerful and equitable political structures of our country, Your presence here is of a great importance, for it allows to hope for greater perspectives in our work.

Please allow me, on my own behalf and on behalf of the Government, to congratulate all those who took part in creation of the national property of our people – the Academy of Nutrition of the Republic of Kazakhstan – with the opening of this conference dedicated to the 30<sup>th</sup> anniversary of the Academy of Nutrition of Kazakhstan. I would like to wish to each of those, who started out a long time ago, who came in contact with this wonderful instrument of our country – the Academy of Nutrition, to all those who work on its staff today, to all those who collaborate with this team, be healthy yourselves first of all, in order to bring health to our nation, because the goal that the Academy pursues is practically the objective of our national security, i.e. the health of the nation. I

would like to congratulate You with this wonderful 30<sup>th</sup> anniversary, which is celebrated by You in the most promising period.

Your anniversary is remarkable in all respects. The Kazakh Academy of Nutrition, created at the initiative of the long-standing Director of this Academy, an undoubtedly gifted organizer of domestic healthcare Toregeldy Sharmanovich Sharmanov, over the course of these years has truly become an object of national pride for our Republic.

The experience and potential in the sphere of the national science that you have acquired over these years, are concordant with the task of the country's leader – the necessity for creation of competitive Kazakhstan, competitive economy and competitive nation, which was stated by him in the annual address to the nation. Historical circumstances were such that the Academy's efforts are inseparably linked to the WHO Conference conducted in 1978, the declaration that was passed at that conference was named after the city of Alma-Ata and was acknowledged worldwide as the Great Charter of the Twentieth Century. By this, You, from the very beginning have put before yourself a very difficult task, and, it should be said, have worthily maintained this level to this very day. Most likely, it will be even more difficult to satisfy this level in the near future. Respect towards Your work has stayed unflinching, yet conditions and the times have changed. Kazakhstan has undergone an uneasy, but at the same time, fruitful and critical stage of building an independent state. Yes, in the beginning of the 90's the social sphere had undergone a period of deep crisis, but in many things this was due to objective causes. After the collapse of the Soviet Union, Kazakhstan was facing a real danger of social-economic chaos. Today, you yourselves are witnesses to the fact and can see for yourselves how our country emerged from this crisis. Considerable improvements are obvious, this is not simply a declaration, this is a reality. Economic growth over the past half a year, in comparison with a corresponding period of last year, constituted 9%. At the same time, as you know, the GNP has increased up to 10%, this is, believe me, is, as a matter of fact, not a simple increase. The majority of European economists regard our economic results with astonishment and such great respect. We have managed to not only satisfy our demand in our daily bread, but we also became one of the largest grain exporters in the world. The growth of investments into our economy continues to increase. Assimilation of investments has grown by 12 % over a half a year. This is an indicator of a steadily developing economy. For instance, in comparison to the year 2004, at present, the Government has made a proposal to the Parliament on increasing the spending on the social sphere. It has been proposed to consider allotment of almost half of the next year's budget for the spheres of healthcare, education, social services, the entire social sphere. This constitutes almost 426 billion tenge. This is a much larger amount, almost 35% higher than the last years' spending on this sphere. Spending on construction and reconstruction of objects of rural education is to be increased by 18 %. Spending on healthcare is to be increased as well. I must mention that in the projected budget for the year 2005, 44% more will be allotted for protection of mothers and children, if, of course the Parliament passes the proposal. If one takes the average pension size, then it will be increased by 7.6%, if the average minimal wage is taken, it will be increased by 7.5%, etc. This is our present-day reality.

As You know, starting this year we have begun a multi-stage reform of healthcare. You are the witnesses and participants of discussion of the governmental healthcare reform program and You know that, of course, the extent of actual, real implementation of this governmental program and the actual extent to which our population will feel the effects of this is dependent on each and every participant of the program's realization process. You know, you work in such a sphere, where no

one manages without your help, while the issues of nutrition are an integral part of our vital activity. This is why it is very important for all those who are present today in this hall to participate actively in implementation of this governmental program. If our governmental organs are doing something wrong or are failing to timely fulfill some aspects, please do not hesitate to voice it, do not hesitate to criticize, and do not hesitate to suggest the right way to solve an issue at hand. Not so long ago, the President has signed a governmental program on further development of education. At present, a program for deepening social reforms in our country is being prepared. These three programs will practically constitute the backbone, the model for the future social policy of our country.

Transition to market economy does not mean that the government shuns responsibility for the health of the citizens; on the contrary, its role in addressing and solving issues amplifies successively. It is not so by chance, for we regard the health and nutrition of the population not only as one of priority objectives of social and economic development. For us, it is a strategic resource as well, and, as I have already said in the beginning, it is an integral part of our national security. Undoubtedly, the situation in the social sphere is directly dependent on the country's general social and economic state, and, it should be noted that today it allows for solving large-scale objectives on improving population health. As You know, for integral solution of health protection issues, the year 2002 has been declared to be The Year of Health by the country's President. The main result of this was that we received reliable information as to the state of health of almost half of the country's population. The results obtained in the course of this large-scale effort became the foundation that showed us the direction we should further pursue. Speaking in medical terms, we have diagnosed, now we need to choose the treatment method. I would like to especially note that here we cannot manage without scientific potential, including the Academy of Nutrition, for nutrition is one of the main constituents of the human health. And You know that in this year's address of the President to the people, it was said about joint responsibility of the government and the country's citizens. And your Academy helps citizens to determine their place, their position in regards to the health of our nation.

Over the course of a relatively short period of time, Your Academy has transformed itself from a small branch of the Moscow Institute of Nutrition into one of the largest scientific centers. One of the illustrative examples of appreciation of your efforts is the fact that the State-granted Award in the Sphere of Science and Education has been awarded to you not so long ago, in the year 2002. You are one of the very few institutions in the countries of the CIS that possesses the rank of an International Center collaborating with the WHO on the issues of nutrition. On the basis of your example, we have sufficient grounds for determining the prospects for the country's integration in the sphere of science and population protection. And here, we need to clearly realize to what extent this integration is concordant with the world tendencies. It is because of accomplishments of the world medicine that we are rid of plaque, smallpox, and other epidemics that took millions of lives. The last example of successful collaboration between Kazakhstan and the WHO is complete elimination of poliomyelitis in Kazakhstan. The successes are obvious, but the present-day realities force us to look for principally new approaches in addressing and solving issues of improving the health of the republic's population. In this respect, reforms in the industry's individual trends are of great importance for us. At the same time, we need to set greater objectives that take future prospects into account. Thus, it is principally important to concentrate on introduction of new advanced technologies into the industries that represent not only the sphere of practical work, but

also the system of scientific knowledge. Of course, the Academy of Nutrition may serve as the basis for the production industry of child nutrition products and medical nutrition products. Today, in the era of globalization, it is possible to clearly see that even the smallest lagging in terms of technology will have an immediate negative impact on any sphere of life. This, in the first place, is true in regards to such a delicate sphere as health protection. Health is of equal significance in all corners of the planet; that is why introduction of advanced technologies, that were proven effective in other countries, into the national health protection system is one of the key factors for increasing its efficiency. For many countries, with decoding of the human genome, diagnostics and correction of disorders on genetic level has become a reality. It is just that I worked in Israel and I am acquainted with Israeli medicine. They already have a specific methodic for treatment of infants in mothers' wombs: first of all, diagnose the illness, and then proceed to treatment, there, in the womb, etc. This is especially important now, when humanity with greater frequency encounters new disorders and diseases arising as a result of mutations. This is why the work of your Academy in the context of all of the reforms conducted by the government and your support and understanding are especially important to us. Fundamental research work conducted by you on the subject of substantiation of physiological norms on demands in energy and basic nutrients for various population groups and alimentary methods for prevention and treatment of numerous disorders is of high scientific and practical value, while the research work conducted within the walls of the Academy on decoding of the structural-functional organization of the primary structure of *staphylococcus enterotoxin A* is truly exceptional. As you can see, our optimism has valid grounds.

Kazakhstan, thanks to stability and gradual development of its economy, has the strength to address and solve global issues. I am certain that you will directly participate in their implementation. In conclusion, I would like to say that your sphere, as any other social sphere, is in a state of constant reform, however, regardless of what types of reforms are being conducted, the basic principles should be the same and should serve the people. Our tomorrow's victories grow from the ones we achieve today. This is the truth, but this truth needs to be proven by every day that we live. I would like to wish you successes, health, patience and achievement of these goals! Thank you.

**The Speech of the Chairman of the Committee for Social Issues under the Senate of the Parliament of the Republic of Kazakhstan, K. S. Sultanov.**

Good morning!

Dear Ladies and Gentlemen!

Much-esteemed scientists, doctors, as well as all those present here, who from the bottom of their hearts are concerned for the positive direction of our idea!

Dear Toregeldy Sharman-uly! [“- uly” – a type of patrimonial. A traditional Kazakh way of referring to men, stressing their heritage and ancestors, particularly the father].

Dear Byrganym Sary-kizi! [“- kizi” – a type of patrimonial. A traditional Kazakh way of referring to women, stressing their heritage and ancestors, particularly the father].

I have a belief that Your scientific-research center is based on a true, large-scale people's tradition. Such centers were established in several countries of the Eastern Europe, on the CIS territory it was one of the first ones, while in the countries of the Central Asia – it was the one and only such center.

It is not in vain that a saying among Kazakhs exists stating that food is the foundation of the body, there is nothing higher than bread. When I think about why the neighboring country, having approximately 1.5 billion in population has grown so fast, their tradition comes back to my memory. After greeting a person, they immediately ask: "Have you eaten?" This is the first question. We, after greeting a person ask: "Is everything – family, cattle – healthy and well?". In the end, everything comes down to nutrition.

The vital activity of people, their vital needs – are important issues that influence the development of society. Having understood and appreciated this, and seeking to work for the good of his people, Toregeldy Sharmanov and profound, progressive scientists like him belonging to the intellectual circle of the country, determine the milestones of science. Born on the wave of such high ideas, your Academy is celebrating its 30<sup>th</sup> anniversary. We all are gathered here to congratulate You, with a single heart, with the 30<sup>th</sup> anniversary of the Academy of Nutrition.

I stand in support of the interesting, concrete speech by Byrganym Sariyeva on behalf of the Government, and would like to confirm that this year's allocation of funds into the sphere of healthcare is directly connected with your Institute, Academy, and, in general, with the sphere of healthcare. I would like to stress that it was You in particular, Your such interesting staff, who made systematization of science possible in our country. It is not by chance that in 2001, your staff was granted the State Award, this is a great acknowledgement on the governmental level, this is a great support, and such great team is led by a very interesting person, a famous academician, scientist, an exceptional organizer, a simply remarkable individual – Toregeldy Sharmanovich. I am not stressing this by accident. Today, circumstances converged in such a way that it is his birthday as well. Is this so?

Such things are rare. The work to which he dedicated his life in some way finds an impulsive turn on his birthday. Apparently, some passion points, a pattern exists, and the creator Sharmanov always applies it with excellence. And this Academy was created by Sharmanov. Toregeldy Sharmanovich, I consider it to be a great honor to convey to you on behalf of the Senate of the Parliament of the Republic of Kazakhstan the greetings and congratulations on the Thirtieth Anniversary of the Kazakh National Academy of Nutrition from the Senate's Chairman, Nurtay Abykayev. In the greeting it is stated that this Institute, this Academy has become the firstling in the formation of nutritional science, in formation of healthy nutrition and healthy lifestyle habits in our society.

In the greeting a hope is expressed that, in the future, Your Institute, Your Academy, Your fine creative research team does a great deal of outstanding deeds for prosperity of our society, our country, for increasing its competitiveness in the world community.

***The Salutatory Address of the Chairman of the Senate of the Parliament of the Republic of Kazakhstan:***

*"Dear Toregeldy Sharmanovich!*

*I would like to congratulate You and the staff under Your leadership with the 30<sup>th</sup> anniversary of the Kazakh Academy of Nutrition.*

*Over these years, Your staff has achieved considerable successes in formation of a scientific nutrition specialists school that develops practically all of the directions that are of current importance in the contemporary nutritional science. The Kazakh Academy of Nutrition,*

*collaborating actively with the World Health Organization and the Institutes of the UN, has become a well-know international center, the base institution for the Central-Asian representative office of the United Nations Children's Fund. The staff was granted the State Award of the Republic of Kazakhstan in 2001 for a multiple-authors line of works: "Development of Fundamental [Theoretical] and Applied Aspects of Nutritional Science in the Republic".*

*On behalf of the Senate of the Parliament of the Republic of Kazakhstan, I would like to wish to all of You sound health, happiness, well-being, new successes in Your work.*

*Sincerely,*

*The Chairman of the Senate of the Parliament of the Republic of Kazakhstan, N. Abykayev.*

**T. Sh. Sharmanov:** Dear attendees! Today we have received a greeting letter from the Secretary of State of the Republic of Kazakhstan – Oralbai Abdykarimov.

The text of the greeting letter:

*"Dear staff of the Kazakh Academy of Nutrition, I would like to whole-heartedly congratulate You with the 30<sup>th</sup> anniversary of the Kazakh Academy of Nutrition!*

*From the first day of its establishment, the Academy successfully carries out scientific-research work corresponding to the highest international standards. Thanks to long-standing comprehensive medical investigations conducted by the team, where highly qualified professional experts are assembled, the Academy has reached the level of many world-known scientific institutions. The outcomes and results of the investigations allowed for a possibility of implementation of a series of target programs into the healthcare system, substantiation of statistical data on the basis of analysis of household conditions among the Kazakhstan's population, as well as on the basis of regional, ethnic, age-specific characteristics of anemia among the women of Kazakhstan.*

*Your renowned scientific team was one of the first ones to create a close connection with the WHO on the issues of nutrition. Collaborating with the Institute of the UN, as an institution that received the status of an official center, having completed high-quality work on international projects implementation, it has won a great recognition and prestige. In terms of nutritional issues, You, as a major institution collaborating with the World Scientific Council and representatives of the United Nations Children's Fund (UNCIEF) in Central Asia, are working with effective results. Along with this, the Academy of Nutrition has accumulated a great deal of experience, closely collaborating with the UN Development Program, the Asian Development Bank, companies such as Macro International Inc., Wellstart International, and other scientific centers.*

*For the first time among the independent states, as a leader, You have established the Children's Nutrition Center and were able to organize its work as a scientific-practical association.*

*In accordance with modern requirements, having effectively combined science and industry, You have made a considerable contribution to training of highly qualified specialists.*

*Dear Toregeldy Sharmanovich! This anniversary is, first of all Your anniversary celebration! This is because all of the achievements of the Kazakh Academy of Nutrition, founded by You, cannot be considered separately from the work of the Medical Doctor, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan and the Academy of Medical Sciences of the Russian Federation, who made an enormous contribution on international level into the sphere of public healthcare, a famous scientist, a state figure Toregeldy Sharmanovich.*

*Dear team of the Academy, scientists, I would like to congratulate you with today's glorious anniversary, wish You sound health, family well-being, successes in scientific endeavors and in Your official work in the sphere of improvement of social conditions as well as improvement of health of our nation!*

*With warmest wishes,  
The Secretary of State, Oralbai Abdykarimov.”*

**B. S. Aitimova:** Please allow me on Your behalf, on behalf of all of those who are present at this celebratory table, to congratulate Toregeldy Sharmanovich today with the 30<sup>th</sup> anniversary of the Academy of Nutrition. Let well-being always be present in Your home, with Your family. Let Your Academy prosper, become stronger and stronger, never surrender the positions it has won. And in this, the leading role will belong to You, Your associates, to all the friends who, today, barely fit into this theatre. We congratulate You!

### **Speech of the Vice-Minister of Healthcare, Dikanbayeva Saule Alkeevna.**

Dear Toregeldy Sharmanovich!

Much-esteemed staff of the Academy of Nutrition!

Please allow me to read out the greeting of the Minister of Healthcare, Erbolat Askarbayevich Dosayev.

*“On behalf of the head officials of the Ministry of Healthcare of the Republic of Kazakhstan and on my own behalf, I would like to warmly and heartily congratulate You, dear Toregeldy Sharmanovich, and the staff under Your leadership with the 30<sup>th</sup> anniversary of the Kazakh Academy of Nutrition!*

*The Academy greets its glorious anniversary as one of the recognized and prominent leaders in medical science and healthcare in the sphere of nutrition not only in Kazakhstan and the other countries of the CIS, but in the entire international scientific community.*

*Over the years of the Institute’s work, and, subsequently – Academy, You have traveled a great and difficult path of formation and development – from a branch of the Institute of Nutrition under the USSR Academy of Medical Sciences to the base institution for the Central-Asian representative office of the UNICEF and the one and only international center in the CIS collaborating with the WHO on issues of nutrition.*

*Your scientific priorities in this sphere are constituted of longstanding fundamental [theoretical] investigations in the sphere of nutrition, acknowledged in the entire world. The “National Policy on Nutrition in the Republic of Kazakhstan” developed by the Academy in 1995 for the first time in the CIS, having received high evaluations by international experts, invokes pride in Kazakhstan’s medical community.*

*Your scientific work and practical recommendations in the sphere of addressing and solving population’s nutritional problems and forming of a healthy lifestyle have received recognition by the WHO, the UNICEF, the UNDP [The United Nations Development Program], the International Nutrition Fund and many other organizations.*

*The Academy conducts large-scale work on training of medical personnel for the sphere of nutrition, where scientists work, whose accomplishments have been acknowledged on international level, and we are proud of it. I am certain, that in the future as well, the Academy of Nutrition will continue to successfully address and solve the tasks appointed to it.*

*Congratulating You with the 30<sup>th</sup> anniversary of the Academy, please allow me to sincerely wish to You, dear colleagues, good health, personal happiness and family well-being, as well as success in your work in the sphere of protection of health of the citizens of the Republic of Kazakhstan.*



*Minister E. A. Dosayev.”*

**Speech of the Vice-Minister of Defense of the Republic of Kazakhstan, Lieutenant-General Abai Tasbulatov.**

Dear Toregeldy Sharmanovich!

Dear staff of the Academy of Nutrition!

Please allow me to read out the greeting from the Minister of Defense of the Republic of Kazakhstan, the Army General, M. Altynbayev:

*“Dear Toregeldy Sharmanovich!*

*I would like to congratulate You, and, in Your person, all of the scientists working in this system and the members of the scientific staff, with the 30<sup>th</sup> anniversary of the Kazakh Academy of Nutrition.*

*After Your profound scientific research investigations, development of new healthy nutrition products constituting the component of the subsistence program has begun. Along with this, Your noble deeds in the sphere of protection of the people’s health are well known to all.*

*I would like to wish that in the future Your particularly valuable efforts reach new heights.*

*On this glorious day, I would like to wish to You sound health, successes in your work, happiness in family life for the good of our flourishing and loved fatherland – Republic of Kazakhstan.*

*Sincerely,*

*The Minister of Defense of the Republic of Kazakhstan, the Army General, M. Altynbayev.”*

**Speech of space-pilot T. A. Aubakirov, A Hero of the Soviet Union, Khalyk Kaharman.**

Dear Toregeldy Sharmanovich! Dear Ladies and Gentlemen, Guests!

Please allow me to congratulate You, Toregeldy Sharmanovich, and Your staff with this celebration!

Everything that You do, let it be used only for the good. Having listened to Your report, I truly was filled by a sense of deepest respect towards the activity of Your Academy.

At the modern stage of development, human activity has resulted in mutational changes in the human organism. Centuries-old habitual nutritional regimen entails sharp changes in health.

This is why fundamental investigations of the human organism and the system of nutrition in modern conditions of human activity are the most important element of continuation of life on the planet Earth. On August 5<sup>th</sup> here in Almaty, I had the lucky opportunity of meeting Toregeldy Sharmanovich on the eve of my first space flight in 1991.

...I do not think that here, in Kazakhstan we have people who already work on fundamental aspects of nutritional science of the future humankind. And to my great delight, the Institute in a short period of time prepared a range of Kazakh cuisine products, which was later used during space flights, lengthy travels of Talgat Amangeldinovich and all of the others who ventured into outer space afterwards. It is Your accomplishment, Toregeldy Sharmanovich, and that of your colleagues. And I, as the first man who has tasted this food in cosmos, would like to express my appreciation and thanks to You. Thank You!

I was preparing to say a few words, you know, about Byrganym Sariyevna. She is not only a great woman, but is also a representative of the highest echelon of executive authorities. I would

have liked to use this opportunity, when in this hall, such a big hall, individuals most needed by humanity are present – the representative of the most humane profession – doctors.

I wanted to, on behalf of staff consisting of many thousands of doctors to appeal to Byrganym Sariyeva, who is present here, and to say that we, when we are hurting, immediately run to – where? – to doctors! Who do we find first? Doctors! But when the issue of doctors' salaries arises, for some reason we all are not able to speak frankly and openly.

I believe that in any case this information will reach the Government authorities, because the forum gathered here is very impressive. And now I would like to turn to the Senator of our Parliament, and say that it is necessary to, first of all, consider the social issues concerning doctors and teachers. I believe that humanity always, at all times needs these two professions. And here it is – we are celebrating one of the remarkable moments – an academic one! The Academy!

This is why, Toregeldy Sharmanovich, I would like to, once again, congratulate You, Your colleagues with this memorable date! Wish you well being! And please trust your representatives of power and the chosen ones, in that we, nevertheless, will change the system of doctors' and teachers' salaries.

### **Speech of space-pilot T. A. Musabayev, A Hero of the Russian Federation and Khalyk Kaharman.**

Dear contemporaries, fellow citizens!

Today I came from Moscow to attend this international conference. Thank you very much for inviting me! With all of my heart, I wish You a happy birthday! I wish you health, well-being, long years of life!

Good day, dear colleagues, I had the occasion to work a lot with You. The results of our collaboration on outer space programs are well known to a wide range of audiences.

I would like to use this opportunity to thank the scientists who are doing a great deed for the people on Earth and for the people who are far away in outer space, who endure burdens and hardships, unknown to ordinary men. One can especially feel it during flights lasting for 6-7 months at a time and longer. This is because global restructuring of organism takes place, metabolism changes.

Of course, I heard about the Academy's team, and, above all, about its leader, but I got to meet them in person in August of 1991. And I am at one with my colleague, much esteemed Tokhtar Angarbayevich in that we really are lucky that it was You, Toregeldy Sharmanovich, and Your team, who attended to our flights, scientific programs, developed wonderful food products for astronauts.

Here are a few words about experiment "Dastarkhan" conducted over the course of three of my expeditions and Tokhtar Angarbayevich's first expedition. After lengthy space flights, I expressed my thanks to the Academy in my reports for the sensitive manner in which our respected scientists approached the issue of nutrition in cosmos, took into consideration the smallest details. We, with our entire crew, tried the products, and as you know, my crew included representatives of various countries: Russia, The United States, France, Germany, and others. Here, on Earth, trying all of these products packed and rolled up in tubes in the form of various kinds of pastes, we were not in ecstasy. After all, here, on Earth we had a wide choice of food – we had fruit, vegetables, meat and etc. at our disposal; in outer space the situation is quite different, and, when after three months of space flight a container with "Dastarkhan" [*Kazakh word for "Table-cloth" signifying "Feast"*]

products arrived with cargo space shuttle “Progress”, the international crew consisting of your humble servant, Commander Musabayev, a Russian Flight-Engineer Nikolai Budarin, American Doctor Andrew Thomas and French astronaut Leopold Edgars expressed impassioned desire to try the new products. And since the food was packed only for two people – N. Budarin and me, i.e. those who directly took part in the experiment, competition arose among the members of the crew. Products “Densaulyk” [*Kazakh word for “Health”*], “Dastarkhan”, “Zdorovye” [*Russian word for “Health”*], and others – are pastes that were created on the basis of herbal extracts possessing expressed antioxidant characteristics. You know that during lengthy space flights in the conditions of micro-gravitation, weightlessness, and hypokinesia, which were perfectly described by our academician Toregeldy Sharmanovich, everything changes. In the conditions of weightlessness, under impact of stresses, numerous free radicals are released in human organism. Remedies developed by academician Sharmanov helped to eliminate these radicals. It was awesome! On the 2<sup>nd</sup>-3<sup>rd</sup> day we felt relief, felt much better, working ability increased. All of this we indicated in questionnaires issued to us by the Kazakh Academy of Nutrition.

I would like to, on my own behalf, on behalf of astronauts, all members of the space crews that I headed, to express my appreciation to the Academy, and personally to Toregeldy Sharmanovich for a tremendous amount of work! Great thanks to You!

**Speech of the Deputy Minister of Healthcare of the Republic of Kyrgyzstan, Shteinke Ludmila Vasilyevna.**

Highly-esteemed Presidium!

Highly-esteemed Toregeldy Sharmanovich!

Highly esteemed colleagues! Dear friends!

Please allow me to join in with the general chorus of felicitations and on behalf of the Minister of Healthcare of the Kyrgyz Republic, Mamytov Mutalip Mamytovich, the medical community of our Republic, and the delegation that have arrived for this anniversary, to congratulate You, dear Toregeldy Sharmanovich, and the staff under Your leadership with this glorious anniversary. You and Your staff have made a considerable contribution to broadening and mastering of new investigative methods, and into the fundamental science of healthy nutrition.

We know that over the course of more than two decades, Your Academy is the leader in international programs that are implemented not only on the territory of Your republic, but also on the territory of the entire Central-Asian region.

Your Academy is a Center collaborating with the WHO. At present, programs such as prevention of anemia and iodine-deficiency aberrations, program on breast-feeding and its support, program on integrated treatment of childhood diseases and many others have been implemented successfully in the Central-Asian Region and Kazakhstan. Practically we, our Republic in particular, have received very serious support form the Academy in the context of development and implementation of these programs, in training of specialists, we received a wonderful premix and hope that Your Academy will continue to carry out research in this direction and that we will obtain many more formulas for new premixes.

Please allow me to use the opportunity at hand in order to wish to You and Your Academy success in work, further scientific achievements for the good of the health of population of Your Republic and citizens of the entire Central-Asian region.

We have heard that today that the Academy of Nutrition is in stage of restructuring. We would very much like to wish that the Kazakh Academy of Nutrition through the process of its restructuring achieves greater expansion, even greater potential for its future work and, in particular, for broadening and deepening the spheres of our collaboration.

We have long considered Your Academy to be an international organization, and I would like to say that we value this collaboration very much and are proud of it. On my part, I would like to assure that our republic will cooperate with You with readiness, with pleasure, because we see the deep positive results of this collaboration, and we will direct our best efforts towards making this collaboration continue in the future.

I would like to congratulate all of you with this glorious anniversary. Wish You health, personal well-being, successes, happiness, long-term collaboration.

Please allow me to read a greeting telegram on behalf of the Minister of Healthcare of the Republic of Kyrgyzstan:

*“Dear Toregeldy Sharmanovich!*

*On behalf of the Ministry of Healthcare of the Kyrgyz Republic, I would like to heartily congratulate You and Your staff with glorious 30<sup>th</sup> anniversary!*

*Well-earned worldwide recognition is a result of productive work by your staff members. The Kyrgyz Republic would like to express appreciation to the Kazakh Academy of Nutrition for contributions in addressing and solving of many healthcare issues of our republic.*

*Collaboration has, and will have, I am sure, positive impact on decreasing the incidence rates of various alimentary-dependent conditions and disorders. We hope for future mutually profitable collaboration and wish to You and Your staff realization of all projected plans and family well-being!*

*Sincerely, the Minister of Healthcare of the Republic of Kyrgyzstan, professor M. M. Mamytov.”*

I would like to join the already voiced felicitations. May God grant You with many creative years, long-term joint collaboration and well-being, successes to Your staff!

On behalf of the delegation from the Kyrgyz Republic, we would like to present a gift to You. We tried to make a movie about the Kazakh Academy of Nutrition ourselves, by our own efforts. We give you this film as a gift. Do not judge it too harshly. In this way, we tried to preserve the memory of You and our collaboration.

### **Speech of Ibragim Parvanta, CDC (Centers for Disease Control, USA).**

Honorable vice-Prime Minister, your Excellencies, Honored guests, ladies and gentlemen:

On behalf of IMMPaCt (The International Micronutrient Program of the U.S. Centers for Disease Control and Prevention), it is an honor and pleasure for me to extend my heartfelt congratulations to the Kazakh Academy of Nutrition on its 30th anniversary. Also, I am here to convey congratulations from my colleagues from Emory University in Atlanta, USA, the Micronutrient Initiative in Ottawa, Canada, and MOST (the Micronutrient Program of the U.S. Agency for International Development), who are also in the audience and are in Almaty as facilitators for a regional workshop on monitoring and evaluation of salt and flour fortification programs.

Over 50 participants representing government, UNICEF and ADB country offices, and salt and flour producers from Kazakhstan, Uzbekistan, Tajikistan, Kyrgyz Republic, Afghanistan, Azerbaijan and Mongolia have been in Almaty for more than one week to participate in this regional workshop. The convening of the workshop in Almaty is in large part due to the presence of the Kazakh Academy of Nutrition in this city, and the tremendous contribution and leadership of Professor Toregeldy Sharmanov and the nutrition experts of the Academy toward the implementation of vitamin and mineral deficiency intervention programs in this region of the world.

There is no doubt that the Kazakh Academy of Nutrition has, and continues to be, a regional center of excellence in the fields of nutrition science and public health. In the past decade, the Academy has led the effort to focus attention on the tremendous public health burden of vitamin and mineral deficiencies which diminish the mental, physical and economic capabilities of the people in this region. Through its leadership, the Kazakh Academy of Nutrition has been able to attract international attention and support toward development and implementation of population based strategies, especially food fortification, in the countries of Central Asia to eliminate vitamin and mineral deficiencies so that young infants and children can attain their physical and intellectual capacities, school children learn better, women can enter pregnancy with better nutritional status, and future generations of children will be protected from reduced mental capacity and debilitating neural tube defects.

Through the leadership of Professor Sharmanov, the Kazakh Academy of Nutrition helped achieve an essential success in protecting the mental and physical well-being of future generations of Kazakh children by fostering efforts that have led to the adoption of a law in this country that requires all table salt to be fortified with iodine. Now, the Academy is leading efforts to expand fortification of flour with iron, folic acid and other essential vitamins into a truly national vitamin and mineral deficiency prevention program. In this regard, I want to bring to your attention that according to the World Bank, a one dollar investment in iron, iodine, folic acid and vitamin A fortification programs results in a thirty nine dollar return in economic productivity of a nation.

Over the past few years, we, at the U.S. Centers for Disease Control and Prevention have developed a special relationship with the Kazakh Academy of Nutrition related to the network of International Resource Laboratories on Iodine. The micronutrient laboratory of the Kazakh Academy of Nutrition is one of the regional laboratories around the world which assist laboratories of countries in their regions to improve quality assurance and quality control procedures related to assays of iodine content of salt and urinary iodine. In this regard, the Kazakh Academy of Nutrition works closely with the Global Micronutrient Reference Laboratory at the CDC to support efforts to strengthen iodine laboratories in this part of the world. We look forward to continued collaborations with this internationally recognized institution.

In closing, let me once again salute the Kazakh Academy of Nutrition on this important occasion in its illustrious history and wish it many more similar celebrations in the future.

Thank you!

**Speech of the Regional Representative of the UNICEF in the CARK,  
Mr. Juan Aguilar.**

Your excellencies, Distinguished guests, Ladies and Gentlemen, Dear friends!

As UNICEF representative for Central Asian Republics and Kazakhstan, allow me to extend a warm congratulation to prof. Sharmanov and to all our colleagues and friends of the Kazakh Academy of Nutrition in the celebration of its 30<sup>th</sup> Anniversary. This is indeed an auspicious occasion to recognize and value the important contribution kan has made to improve the nutritional status and the well being of children, women and citizen of CARK. This celebration is also a unique opportunity to look ahead with optimism to plan actions needed to eliminate the scourge of malnutrition and more specifically the adverse consequences of micronutrient deficiencies.

Malnutrition is rarely regarded as an emergency. Yet the largely invisible crisis of malnutrition is implicated in more than half of all child deaths worldwide and violates children's rights in profound ways, compromising their physical and mental development and helping perpetuate poverty.

The Secretary General of the United Nations, Kofi Annan, said in the 1988 state of the world's children report: "This human suffering and waste happen because of illness, much of which is preventable; because breastfeeding is stopped too early or never given; because children's nutritional needs are not sufficiently understood and satisfied; because long-entrenched prejudices imprison women and children in poverty". And he added: "To look into some aspects of the future, we do not need projections by supercomputers. Much of the next millennium can be seen now in how we care for our children today. tomorrow's world may be influenced by science and technology; but more than anything, it is already taking shape in the bodies and minds of our children".

Here it is a full agenda of partnership among the Kazakh Academy of Nutrition, National Governments of CARK, line ministries, local authorities, the international financial institutions and ngos, as well families and children themselves. Many actions have been already implemented, but much more needs to be done to further enhance this cooperation, and more important to assess the social and economic impact of nutrition interventions in the population.

UNICEF and other international partners have long recognized the important scientific and technical role played in the past by the Kazakh Academy of Nutrition, as well as the potential to continue its valuable collaboration in Kazakhstan and in the Central Asian Republics. The ongoing project of wheat flour fortification with iron and the efforts to achieve universal salt iodization by end 2005, are a testimony of good and effective collaborative work.

Dear friends,

In this auspicious occasion of the 30<sup>th</sup> Anniversary of the Kazakh Academy of Nutrition, let us renew our commitment for the continuing collaboration and partnership for the well being of children, women and men of CARK. Our common goal, and dream, why not to dream ... is to have all children being happy, vigorous, healthy, joyful... at the full potential of their physical,

intellectual and spiritual capacities, for they to become the founding blocks of new societies, which enjoy the benefits of economic and social development for all. This is our dream... and let's continue working to make it a reality.

Thank you.

**Speech of the Director of the Representative Office of the  
Asian Development Bank in Kazakhstan, Kazukhiko Higuchi.**

Good morning, Distinguished Participants and Guests, Ladies and Gentlemen,

It is my pleasure to be here today in this *Research-Practical Conference on "National Policy on Healthy Nutrition of the Republic of Kazakhstan"*, in the occasion of the 30<sup>th</sup> Anniversary of the Kazakh Academy of Nutrition.

On behalf of the Asian Development Bank, I would like to express our gratitude to KAN for organizing this Conference, and extending invitation to ADB to share this occasion.

I am pleased that a number of Kazakhstan, regional and international experts on nutrition are participating in this Conference.

This broad expert group is indeed symbolic to the importance of improving nutrition among all. Nutritional health sees no national boundaries or income levels.

It is also an ideal topic to commemorate 30 years of commendable efforts by KAN. The Academy's achievements are seen in its permanent partnerships with WHO, UN University, and International Union of Nutritional Science.

KAN has also teamed up with a number of international and regional partners for specific activities. They count 24 in the past 10 years alone.

The Academy's close partnerships with neighboring countries are particularly noteworthy. Such partnerships help everybody move forward together, and leave nobody behind.

These achievements owe to the team of professionals and support staff of KAN under the leadership of Prof. Sharmanov. We are grateful for their dedication and hard work.

Kazakhstan has joined international commitments to meet Millennium Development Goals. With development partners, the Government monitors achievements annually.

According to the review in 2004, targets on reducing extreme poverty and hunger are likely to be met.

It owes to the tireless efforts by institutes such as KAN and professionals such as those of you who are present here today.

MDGs provide reminders, too. Meeting the targets on maternal health and child mortality remains a challenge, and needs continued efforts.

ADB is a regional development partner, working to reduce poverty. Improving nutrition is a key aspect toward that end.

With the help of the Japan Fund for Poverty Reduction, ADB teamed up with KAN and UNICEF to work on a regional project to help improve nutrition of poor mothers and children.

Last Sep, under the title of Almaty Forum 2004, participating countries gathered in Almaty to review the achievements of the project, and discussed way forward.

The Forum confirmed participating countries had made significant progress on project goals, and had laid a solid foundation to sustain food fortification toward future.

KAN was instrumental in achieving such results. It helped participating countries develop regulations, amend legislations, and improve standards.

The Academy also promoted harmonized food fortification requirements among participating countries, and helped their development and implementation.

The Almaty Forum identified the need for further efforts on food fortification programs. I am pleased that with the support of the Government of Japan and partnership with UNICEF, ADB is continuing teamwork with KAN to deliver such efforts.

This Conference will help us deepen the understanding of national policy on nutrition. It will help development and implementation of sound nutrition programs and initiatives.

The Kazakh Academy of Nutrition plays a key role in those efforts. ADB looks forward to opportunities to join the Academy in making such efforts.

Thank you, Ladies and Gentlemen.

**Speech of Professor A. V. Vokhidov, National Coordinator for the JFPR 9005\* Project, ABR [Asian Development Bank], Tajikistan.**

Dear Toregeldy Sharmanovich! Today there has been already said a lot about You and Your Academy. We would like to join everything that has already been said. Once again we would like to stress that it is thanks to collaboration that our nations were able to achieve much. First of all the nutritional status of mothers and children was improved, positive dynamics in terms of state of health have taken shape. I believe that our collaboration will continue and will be highly productive. Once again we would like to congratulate You and wish you sound health.

**Speech of Dilorom Akhmetova, the Ministry of Healthcare of the Republic of Uzbekistan.**

Darling and dearly loved Toregeldy Sharmanovich! We are very delighted at having the opportunity to be present here and honor Your glorious anniversary. I, and, it seems to me, all of those present here, have listened to Your speech with warm feelings. Your difficult and thorny course of life and the path of your Institute condition the delicate attitude and reverence before Your courage and patriotism. You have survived in such difficult times and saved your Academy, which, at present time brings so many benefits to protection of motherhood and childhood. I would like to note, that today, the Kazakh Academy of Nutrition is a large methodological, scientific and



educational center for all of our republics. Today, the scientists who were trained by Academician T. Sh. Sharmanov, work for the leading Universities of our Republic. And for this, I would like to express my appreciation. Within our delegation there are not only representatives of the Ministry of Healthcare, but also of the Ministry of Flour-Production and Baking Industry, which also closely collaborate with Your Academy.

Please allow me to read out the greeting from the Minister of Healthcare of Republic of Uzbekistan:

*“Dear Toregeldy Sharmanovich!*

*The Ministry of Healthcare of the Republic of Uzbekistan congratulates You and the working staff of the Kazakh Academy of Nutrition with the 30<sup>th</sup> anniversary of its establishment.*

*Medical workers and specialists of the food industry of the Republic of Uzbekistan know You and the experts of the Academy of Nutrition as prominent scientists, who have made a tremendous contribution to the work on protection of the health of the populations of Central Asian Republics and Kazakhstan. You are also the founder of the Kazakh Academy of Nutrition, and the achievements of Your Academy have been recognized by the world science.*

*We would like to wish to You and Your working staff health, long life, well-being, happiness and new creative successes in Your noble work!*

*The Minister of Healthcare of the Republic of Uzbekistan, F. G. Nazirov”.*

Once again, please allow me to wish to You the very best, long life to You and Your institute. Thank you.

#### **Speech of Doctor Makhomad Kasem Shams – The Ministry of Healthcare of Afghanistan.**

I would like to express my warmest wishes to Mr. Sharmanov and all of his colleagues who work in the Kazakh Academy of Nutrition.

#### **Speech of the Director of the Center on Nutritional Issues under the Ministry of Healthcare of Tajikistan, Professor Kh. Kh. Khairov.**

Dear Toregeldy Sharmanovich!

We are sincerely happy for the successes of the Kazakh Academy of Nutrition, we value and thank You for Your contribution to the sphere of addressing and solving the problems connected with population nutrition not only in the Republic of Kazakhstan, but the countries of the Central Asia and other regions. Please allow me, on behalf of the delegation of the Republic of Tajikistan, which represents the Ministry of Healthcare, the Ministry of Industry, representative offices of the WHO, the UNCIEF, the Asian Development Bank in the Republic of Tajikistan to congratulate You and Your staff with the anniversary. To wish you health, human blessings and growth to the Kazakh Academy of Nutrition.

#### **Speech of Doctor Dondog Eh-amar, the Ministry of Healthcare of Mongolia.**

Dear Ladies and Gentlemen!

Please allow me to extend congratulations on behalf of the Mongolian Delegation to Mr. Sharmanov on the account of the 30<sup>th</sup> anniversary of the Kazakh Academy of Nutrition. Mongolia and Kazakhstan are bound by centuries-old historical and cultural traditions. I believe that the Kazakh Academy of Nutrition preserves the tradition of collaboration in the sphere of scientific-research work. As it has been already mentioned here, the employees of the Institute of Public Health [of Mongolia] have completed here their post-graduate studies and defended their Ph.D. theses. Also, as you all know, the Kazakh Academy of Nutrition is a leader in the ЯФСБ 9005 project of the Asian Development Bank on fortification of flour and salt, and this project was also conducted in Mongolia. I would like to wish You success in your noble mission. I congratulate you with the 30<sup>th</sup> anniversary of the Kazakh Academy of Nutrition.

**Speech of P. S. Nikov, The Odessa State Medical University,  
the Ministry of Healthcare of Ukraine.**

Dear Toregeldy Sharmanovich, the participants of the conference, colleagues and friends!

I am exceptionally delighted and happy to take part in such extraordinary, and, for me, simply great event. I am representing Ukraine and, in particular, the Odessa State Medical University – one of the oldest medical universities of Ukraine. And on behalf of medical specialists of Ukraine, the Odessa Medical University and myself, I would like to personally extend to Toregeldy Sharmanovich and the conference my very deepest and heartfelt congratulations and wishes of great successes in work.

The fact is, dear colleagues, that I am not only a witness, but also a modest participant of establishment and growth of the Kazakh Academy of Nutrition. I was the witness of the inconceivably difficult and complicated conditions in which development and formation of this institution took place. It was necessary to endure very brutal opposition of numerous envious persons possessing high rank and power; and, for overcoming this anti-social opposition, a tremendous amount of talent, unbending will, patience, heroic efforts and sacrifices of Toregeldy Sharmanovich Sharmanov were needed. It occurs to me, that the growth of the Academy of Nutrition is comparable with an ascent to the highest peak of the world – mount Everest, the ascent being carried out from the most difficult, inaccessible side of it and in the most adverse weather. And this ascent has been accomplished because the staff of associates has walked this path within a strong and dependable bond, the leading link of which was the prominent scientist and organizer of science Academician Toregeldy Sharmanovich Sharmanov.