

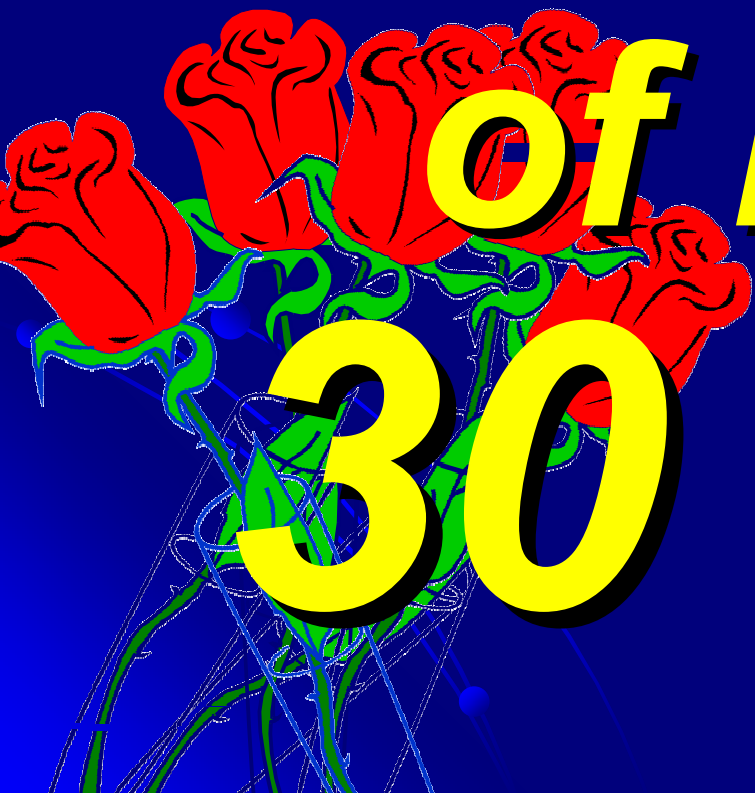


Kazakh

Academy

of Nutrition

30 years



Official status of the Kazakh Academy of Nutrition

1974 -

Kazakh affiliate of Institute of nutrition
under AMS USSR

1988 -

Institute of Regional Problems under AMS
USSR

1991 -

Scientific Center of Regional Problems
under AMS USSR

Turkmenistan
branch

Kyrgyzstan
branch

Tadjikistan
branch

Karakalpakstan
branch

1993 -

Institute of nutrition under NAS RK and
MES RK

2000 -

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Institute
of Nutrition

Institute
of International
Projects

Center
of Industrial
Programs

The international partnership

UN University



WHO



UNICEF



**Kazakh Academy of
Nutrition**



UNDP



ADB



USAID



KAN



WHO

Collaboration with WHO

Norms of nutrition

Breastfeeding

Control of micronutrients deficiencies

Nutritional status assessment

Education of population



KAN



UNICEF

Breastfeeding

**Control
of iodine-
deficiency**

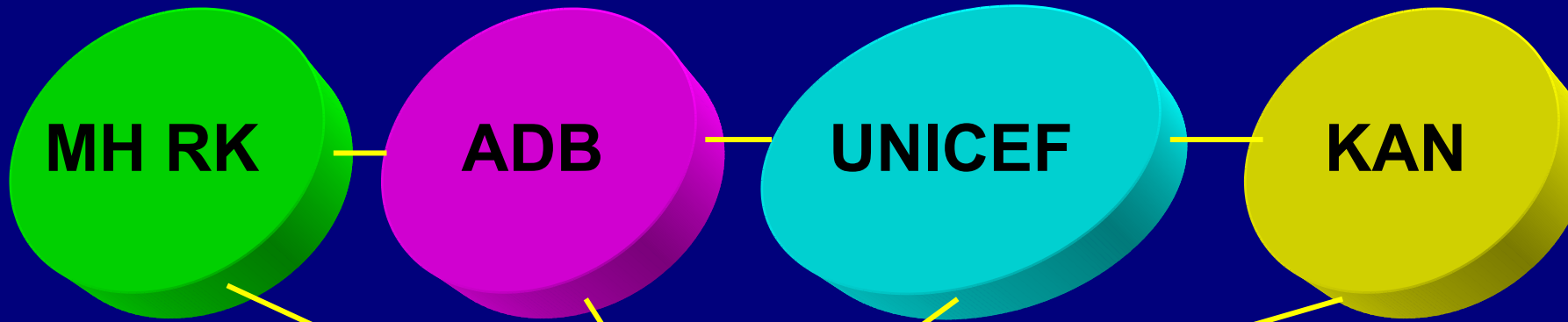
**Collaboration
with
UNICEF**

**Code on
breast milk
substitutes
selling**

**Control of
vitamin
A-deficiency**

**Control
of iron-
deficiency**

Project of 2005 “Improvement of nutrition of poor mothers and children in Asian countries in transition”

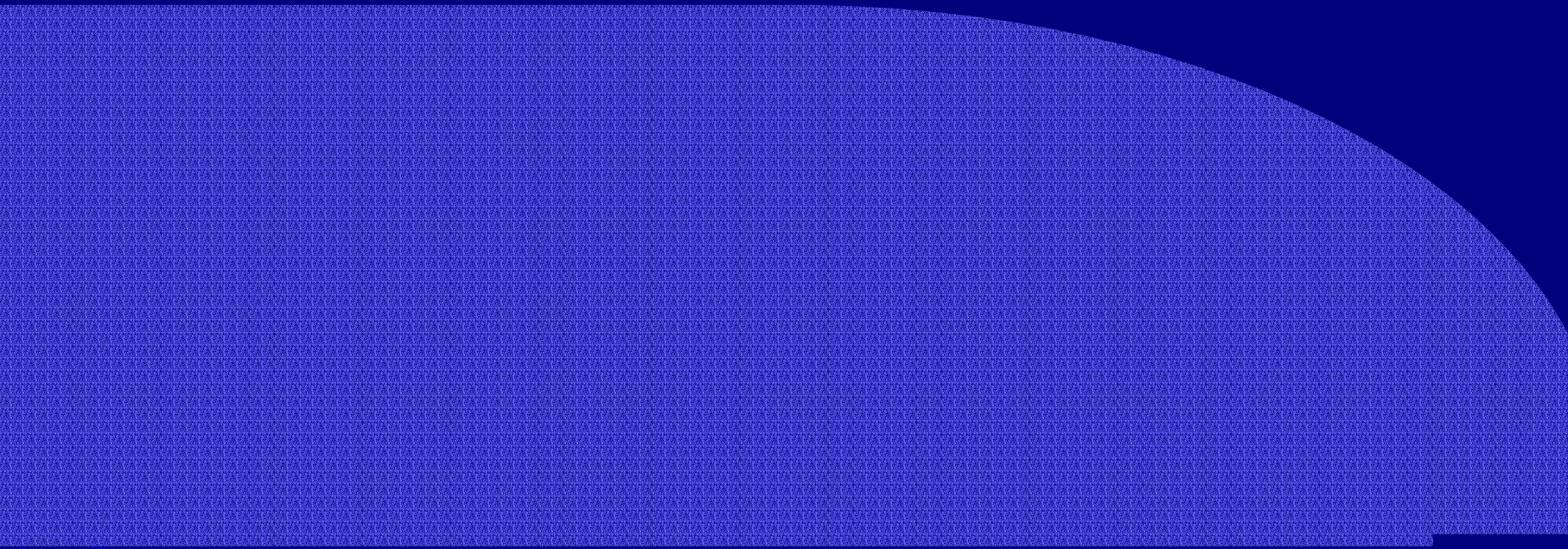


Prevention of iron-deficiency anemia and iodine-deficiency through fortification of foods

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1981: All fundamental and applied researches of KAN were conducted within the framework of «Program of complex research of an actual nutrition of the population, development of the basic principles of its rationalization, maintenance of maximal adaptive, protective and medical role of food in conditions of combined influence of negative factors of environment on an organism for the period from 1981 to 1985 and for the period till 1990»





Scientific priorities of KAN:

- study of physiological requirements in energy and basic nutrients for various groups of population
- pathogenesis and prevention of alimentary-dependent diseases and micronutrients deficiencies (rickets, diabetes mellitus, obesity)

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- alimentary methods of prevention and treatment of cardiovascular illnesses, some forms of cancer, tuberculosis, etc.
- study of regularities of micronutrients interrelations during metabolism process
- concept of endogenous hypervitaminosis and avitaminosis



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- alimentary modification of therapeutical action and toxic effects of medicines, negative influence of factors of environment
- purposeful regulation of biochemical processes with the help of alimentary factors



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- theoretical bases of pathogenesis and treatment of food allergy and alimentary immunocorrection
- scientific bases of designing of the specialized products of nutrition and biologically active additives



- perfection of system of certifications, standardization, quality surveillance and safety of products of nutrition and food raw material, etc.

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Main results of researches in the field of: «Development of fundamental and applied aspects of nutrition science in the Republic of Kazakhstan» in 2001 were marked by the State premium of the Republic of Kazakhstan in the sphere of science, engineering, and education:

**T. Sharmanov, A. Aldashev,
L.Kalamkarova, R. Kuzdenbaeva,
A. Mashkeev, Y. Siniavsky,
Sh. Tajibaev, I. Tsoy**

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KAN researches became scientific substantiation of fourth long-term priority in the message of the RK President to the people of Kazakhstan «Kazakhstan - 2030", preparation of part dedicated to issues of nutrition in the State program «Health of people», approved by the resolution of the RK President, and a number of normative legal documents concerning the aspects of nutrition

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1995: The first on CIS territory

“National policy of nutrition of the Republic of Kazakhstan»

was highly appreciated by the experts from WHO, UNICEF, UNDP, UN University, International Nutrition Fund and was recommended for countries of Central Asia

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Within the framework of the ADB project, the large-scale communication campaign is carried out, which started with press conference with participation of the UNICEF ambassador, repeated chess champion of the world Anatoli Karpov



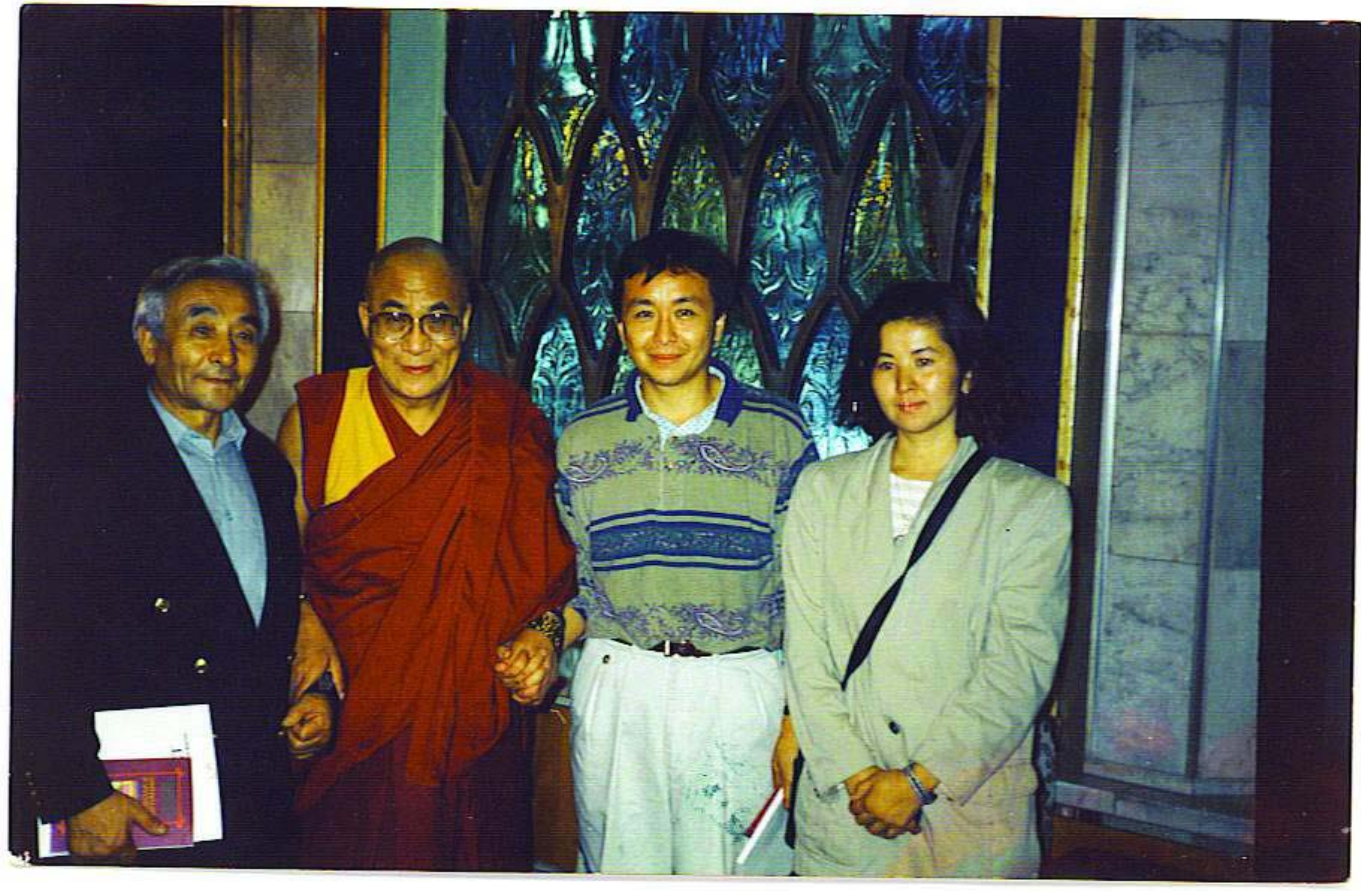
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KAN twice held the International symposium on Biochemistry and Molecular biology with participation of the laureate of the Nobel Prize –

Laius Polling

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Meeting with Dalai Lama

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Current projects concern the following themes:

- assessment of status of nutrition of schoolchildren with use of express methods;
- multicenter assessment of nutrition of women of fertile age;
- qualitative study of breastfeeding practice; contamination rate of breast milk, medical-demographic situation, reproductive health of women;
- prevention of iron-deficiency anemia;
- status of nutrition of adults and other urgent problems of medicine and practical healthcare



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Two educational scientific unions, created in cooperation with Nutrition faculty of Kazakh National Medical University

and Nutrition and Gastroenterology faculty of Almaty State University of qualification improvement of the doctors are working under KAN supervision



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Preparation of high qualification educated scientific staff is implemented through aspirant and doctoral programs on the following specialities:
“Hygiene”,
“Biochemistry”,
“Allergology and immunology”,
“Internal diseases”,
and “Public health and public healthcare”



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● Two accredited State standard RK establishments were created in the structure of KAN – office and testing center on BAA certification



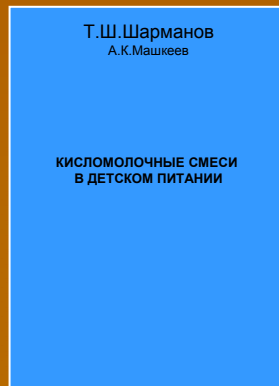
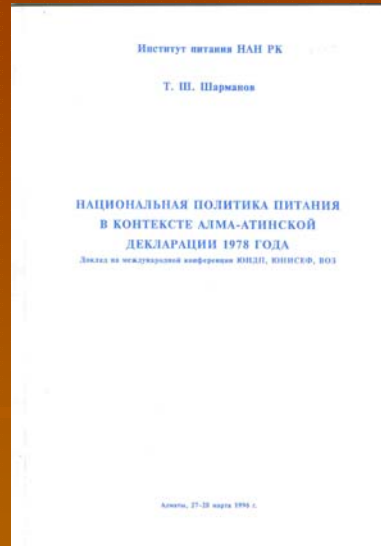
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- KAN is the base establishment for expert council on biologically active additives and specialized products of nutrition with medical-preventive properties under sanitary-hygienic committee of the RK Ministry of Health





KAN is the base establishment for Republic council on problems of nutrition under the RK Government, for Academy of Preventive Medicine of Kazakhstan, for editorial offices of the Russian version of magazine of UN University «Bulletin of Nutrition» and republican scientific magazine «Health and illness»



offices of the Russian version of magazine of UN University «Bulletin of Nutrition» and republican scientific magazine «Health and illness»

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More than 230 thesis for candidate's degree and 53 for doctor's degree were performed during the period of 30 years of KAN activity, scientists published more than 40 books and monographs, received more than 90 patents and prepatents on inventions

