



## **Second International Conference**

# **“Current advances in Microbiology, Immunology and Allergology”**

**June 24-26, 2010, Ulaanbaatar Mongolia**

**Abstract book**

**2<sup>nd</sup> Annual meeting of Mongolian Society of  
Immunology and Microbiology**

**8<sup>th</sup> Annual meeting of Mongolian Society of Allergology**

**Second International Conference**  
**“Current advances in Microbiology, Immunology and**  
**Allergology”**

**June 24-26, 2010, Ulaanbaatar Mongolia**

**Organizers:**

School of Biomedicine, HSUM

**Co-organizers:**

Health Sciences University of Mongolia

Mongolian Society of Immunology and Microbiology

Mongolian Society of Allergology

Mongolian Society of Virology

Ministry of Health

WHO/ WPRO representative in Mongolia,

**Sponsor:**

Amin ekh bulag Co. Ltd

**Editors:** Tsogtsaikhan S

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## Dear Participants,

By the initiative of our professors at the department of Microbiology and Immunology, School of Biomedicine, Health Sciences University of Mongolia our first international conference entitled “Current advances in Microbiology and Immunology” was held in 2008. It was decided to organize this conference biannually. Therefore this year we are organizing our second international conference “Current advances in Microbiology, Immunology and Allergology”. School of Biomedicine, HSUM, Ministry of Health of Mongolia, WHO/WPRO representative in Mongolia, Mongolian Society of Immunology and Microbiology, Mongolian Society of Allergology and Mongolian Society of Virology are participating as organizers of this conference.

It is a great opportunity for Mongolian doctors, researchers and health care workers to learn from our foreign participants and obtain extensive knowledge on latest advances in microbiology, immunology, allergology and in virology sectors, which define the level of medicine development not only in Mongolia but worldwide. As the proverb says “From small beginnings come great things”, we hope this conference will lead to a successful future collaboration between participating institutions.

Also my deepest appreciation goes to our international participants that come all the way from Japan, Republic of Korea, Taiwan, Indonesia, Russia, Czech Republic and USA. I would like to wish all the success in your future research works and wish a pleasant stay in our beautiful country.

Health protection of the human race depends on you, on me, on all of us. And because all the people in the world laugh the same way and cry the same way, we believe that together we can successfully solve many urging unsolved medical problems.

Least but not last, I'd like to thank all my colleagues that took active part in organization of the conference, all participants and researchers presenting their studies. Also I'd like to express my great thanks to our general sponsors World Health Organization, WPRO representative in Mongolia and “Amin Ekh Bulag” Co. Ltd. for their continuous support.

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## Study of nootropic activity spectrum of Transfer factor plus

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**Key words:** nootropic activity, TF plus

The results of studies of the effect of transfer factor plus the brain function in healthy young people. Revealed that the TF + was significantly stimulates the brain and cognitive function than the reference comparator drug nootropil.

The aim of our study was to determine the presence or absence of nootropic effect in transfer factor (TF+).

Studies conducted on the basis of the Chita State University for 20 volunteers who were divided into two groups. One group took "Transfer Factor Plus at 400 mg / day, another group was the control, in her students have a reference nootropil at 1200 mg / day.

In the study of memory processes found that 67% of the number of subjects, even with the third presentation of reproducing an incomplete amount of information (6-9 words out of 10) and make mistakes (55,5%). After receiving the TF we found no significant difference with the original data.

When analyzing the proofreading test showed that when taking TF mental reaction speed increases by 30% by shortening the time the assignment is 42%, the number of errors decreased by 37.5% and decreased fatigue attention to 15,8%.

In the study of attention in terms of active choice of useful information reception TF shortens the time of the assignment of 4 square on 34,2%, a 5-square - by 18%. The total time of the assignment in all the squares decreased on average by 20%. The difference between the time of the assignment at the beginning and end of the test for admission TF decreased by 40%.

Thus, Transfer Factor Plus is stimulates the cognitive brain functions in healthy subjects. TF increases mental reactions, efficiency, amounts of information processing and attention. TF is reduce fatigue.

Transfer Factor Plus is surpasses the reference nootropic drugs nootropil.