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THE FUNDAMENTAL RESEARCHES FINANCING BRANCH
“COGNITIVE MODELING IN THE BIOLOGICAL SCIENCES” (“OBN”)
OF “THE SF "SFA CMT" NAMED AFTER N.A. PROKOPENKO”

The developed “The fundamental researches financing branch “Cognitive modeling in the biological sciences”” (“OBN”) treats to the fundamental researches financing divisions of “The scientific fund “System and financial analysis based on cognitive modeling technology” named after N.A. Prokopenko” (“The SF “SFA CMT” named after N.A. Prokopenko” – The SF) as the first SF in structure of “The SIO “Academy of cognitive natural sciences”” (“The SIO “ACNS””), an additional component of science and education system of the modern country for the financing of creation, distribution and use of the fundamental main and derivative scientific results of the cognitive modeling technology (CMT) (www.vetrovan.(spb.)ru) [see the fundamental researches financing branches and departments of The SF]:

- 1) it is executed by the principle of “administrative-economy submission”;
- 2) works in several main directions, which allow to provide the financing of development, production and promotion of the fundamental main and derivative scientific results (my second report on SRW from 2006-2008(9) y. was submitted to “The SPbSETU “LETI”” and The Government of The RF for the translation, carrying out of int. action and receiving of “The Nobel Prize”);
- 3) includes several various main divisions:

I. “The fundamental researches financing department “The theory of the biology and pharmacology”” (“SOB”) [*the financing of fundamental researches and developments in area “ T h e o r e t i c a l b i o l o g y ”* – theory of biology, theory of methods and equipment for biological researches, theory of molecular biology, theory of bio-physics, theory of cytology, theory of embryology, theory of genetics, theory of virology, theory of micro-biology, theory of botanic, theory of plants physiology, theory of zoology, theory of ecology, theory of anthropology, theory of physiology of human and animals, theory of morphology of person and animals, theory of immunology, theory of pharmacology, theory of toxicology, theory of radiation biology, theory of space biology, theory of bionics, theory of biological cybernetics, theory of bio-engineering, theory of cognitive modeling technology in t h e o r e t i c a l b i o l o g y , theory of modeling of biological construct of organic individual organism;

the financing of fundamental researches and developments in area “ T h e o r e t i c a l p h a r m a c o l o g y ” – theory of pharmacology, theory of methods and equipment for pharmacological researches, theory of pharmaco-kinetics and pharmaco-dynamics of preparations and substances, theory of molecular pharmacology, theory of bio-pharmacology, t h e o r y o f c y t o l o g i c a l p h a r m a c o l o g y , theory of embryological pharmacology, theory of genetical pharmacology, theory of virologic pharmacology, theory of micro-biological pharmacology, theory of botanical pharmacology, theory of physiological pharmacology of plants, theory of zoological pharmacology, theory of ecological pharmacology, t h e o r y o f a n t h r o p o l o g y o f p h a r m a c o l o g y , theory of physiological pharmacology of person (human) and animals, t h e o r y o f i m m u n o l o g i c a l p h a r m a c o l o g y , theory of toxicological pharmacology, theory of radiation pharmacology, theory of space pharmacology, theory of bio-engineering pharmacology, t h e o r y o f c o g n i t i v e m o d e l i n g t e c h n o l o g y i n t h e o r e t i c a l p h a r m a c o l o g y] .

II. “The fundamental researches financing department “The theory of the physical-chemical bio-technology”” (“SFCHB”) (*)

*[the financing of fundamental researches and developments in area “ T h e o r e t i c a l b i o - t e c h n o l o g y ” (*)* – theory of raw materials and producers for bio-technological manufacture, theory of bio-technological processes and devices, theory of cellular engineering, theory of technological bio-energetics, theory of applied genetic engineering, theory of enzymology engineering, theory of immunological-bio-technological methods of analysis, other theories and problems of bio-technology (genical engineering), t h e o r y o f c o g n i t i v e m o d e l i n g t e c h n o l o g y i n t h e o r e t i c a l p h a r m a c o l o g y] .

The fundamental researches financing branches and departments of The SF allow to the financing of development, production and promotion of the main and derivative scientific results of CMT.