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THE FUNDAMENTAL SCIENTIFIC RESEARCHES BRANCH

“THEORY OF PREVENTIVE MEDICINE” (“TPREVM”)

OF “SEC "SFA CMT" OF "RA(M)S" N. A. ACAD. BURDENKO N.N.” (PART 1)

The developed “The fundamental scientific researches branch “Theory of preventive medicine”” (“TPREVM”) treats to the fundamental scientific researches divisions of “The scientific-educational centre “System and financial analysis based on cognitive modeling technology” of “RA(M)S” named after acad. Burdenko N.N.” (“SEC "SFA CMT" of “RA(M)S” n. a. acad. Burdenko N.N.” – SEC) as the first SEC in the structure of “SIO “Academy of cognitive natural sciences”” (“SIO “ACNS””) as the add. component of the system of science and education of the modern country for the creation, distribution and use of the main and derivative scientific results of the cognitive modeling technology (CMT) (www.vetrovan.(spb.)ru) [see the fundamental scientific researches branches and departments of SEC]:

- 1) it is executed by the principle of “administrative-economy submission”;
- 2) works in the several main directions, which allow to provide the development of the fundamental main and derivative scientific results (my second report on SRW from 2006-2008(9) y. was submitted to “SPbSETU “LETI”” and “The Government of RF” for the translation, carrying out of int. action and receiving of “The Nobel prize”);
- 3) includes the several various main divisions:
  - I. “The fundamental scientific researches department “Theory of hygiene”” (“THYG”) (\*) [*the fundamental scientific researches in the area “Theoretical hygiene”* – studies the influence of the factors of external environment on the organism of person with the purpose of optimization of the favorable impacts and preventing of the adverse impacts, the theoretical bases of hygiene, theory of influence of the factors of external environment on the organism of person, theory of optimization of the favorable impacts and preventing of the adverse impacts, theory of methods of the increasing of the resistance of organism to the diseases, theory of methods of the sanatorium-resort treatment, theory of impact of the conditions of living and labor on the health of person, theory of sanitary norms and rules in the different spheres of activity, theory of development of the standards, requirements and sanitary measures, directed on the improving of settlements, the conditions of living and the activity of people and the cognitive modeling technology in the theoretical hygiene].

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“The Nobel committee” (The Kingdom of Norway and The Kingdom of Sweden)  
(it was submitted to “SIO “ACNS”” on the int. conf. “APMS and T: CA” on the 01<sup>st</sup>-31<sup>st</sup> of March 2020 y.)

II. "The fundamental scientific researches department "Theory of disinfectology" " ( "TDIS" ) (\* )  
*[the fundamental scientific researches in the area "Theoretical disinfectology" – studies the regularities of non-specific prevention of the infectious and parasitic diseases by the exposing on the pathogenic biological objects and their various carriers, the theoretical bases of disinfectology, theory of a set of actions, directed on the destruction of pathogens of the infectious diseases and the destruction of toxins at the objects of the external environment, theory of chemical disinfectant means, theory of planned and unscheduled preventive disinfection, theory of current disinfection, theory of final disinfection and the cognitive modeling technology in the theoretical disinfectology].*

III. "The fundamental scientific researches department "Theory of preventive epidemiology" " ( "TPREVEP" ) (\* )  
*[the fundamental scientific researches in the area "Theoretical preventive epidemiology" – studies the demographics of painful processes, actions on their localization and the reduction of incidence, and includes inside, but is not limited to the study of the various epidemics, the theoretical bases of preventive epidemiology, theory of the regularities of occurrence and the spread of diseases of the various etiology, theory of development of the preventive actions, theory of premorbid prevention, theory of primary prevention, theory of secondary prevention, theory of tertiary prevention, theory of incidence, theory of the regularities of epidemic process, theory of elimination of the epidemiological process, theory of prevention of the epidemiological process, theory of the regularities of occurrence, spread and cessation of the diseases of human and the cognitive modeling technology in the theoretical preventive epidemiology].*

IV. "The fundamental scientific researches department "Theory of recreational medicine" " ("TRECRM") (\*) [*the fundamental scientific researches in the area "Theoretical recreational medicine" – studies the techniques of increasing of the resistance of organism to the various diseases, in particular the techniques of sanatorium-resort treatment, the influence of amateur sports and other, the theoretical bases of recreational medicine, theory of the methods of increasing of the resistance of organism to the various diseases, theory of methods of the sanatorium-resort treatment, theory of practical application of the amateur sports, theory of application of the cultural-mass actions and the cognitive modeling technology in the theoretical recreational medicine*].

V. "The fundamental scientific researches department "Theory of sanitation" " ("TSAN") (\*) [*the fundamental scientific researches in the area "Theoretical sanitation" – the system of diverse actions, providing the protection of health and the prevention of the various diseases, and also the complex of measures on the practical application of the standards, sanitary rules and recommendations, developed by the hygienic science, providing the optimization of the conditions of parenting and training, the welfare, labor, rest and nutrition of people with the purpose of strengthening and preserve of their health, the theoretical bases of sanitation, theory of actions providing the protection of health, theory of actions providing the prevention of the various diseases, theory of development of the standards, sanitary rules and recommendations, theory of application of the standards, sanitary rules and recommendations, theory of optimization of the conditions of parenting and training of people, theory of optimization of the conditions of living and labor of people, theory of optimization of the conditions of rest and eating of people and the cognitive modeling technology in the theoretical sanitation*].

The fundamental scientific researches branches and departments of SEC allow to develop the main and derivative scientific results of CMT.