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THE FUNDAMENTAL SCIENTIFIC RESEARCHES BRANCH
“THEORY OF CHEMISTRY AND CHEMICAL TECHNOLOGIES
IN MEDICINE” (“TCHEM AND CHEMT IN M”)

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

The developed “The fundamental scientific researches branch
"Theory of chemistry and chemical technologies in medicine” (“TCHEM and CHEMT in M”)
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 chemistry, chemical technology and chemical industry
in medicine” (“TCHEM-CHEMT and CHEMIND in M”)
*[the fundamental scientific researches in the area
“Theoretical chemistry” (*)* –
the theoretical bases of chemistry, theory of general-laboratory chemical equipment,
theory of equipment, theory of physical chemistry, theory of non-organic chemistry,
theory of complex compounds, theory of analytical chemistry,
theory of organic chemistry, theory of bio-organic chemistry,
theory of natural organic compounds and their synthetic analogs,
theory of chemistry of high-molecular compounds, theory of biological chemistry
and the cognitive modeling technology in the theoretical chemistry
(theory of modeling of the structure of the (non-)organic chemical elements
and chemical elements with 1, 2, 3, 4, 5 or more nucleus);

the fundamental scientific researches in the area
“Theoretical chemical technology and chemical industry” –
the theoretical bases of chemical technology and chemical industry,
theory of processes and apparatuses of chemical technology, theory of chemical raw materials,
theory of technology of non-organic substances and products,
theory of production of silicate and refractory non-metallic materials,
theory of industrial organic synthesis,
theory of industrial synthesis of organic dyes and pigments,
theory of technology of photographic materials,
theory of technology of chemical-pharmaceutical means,
theory of technology of fragrant substances,
theory of technology of pesticides and disinfecting substances,
theory of technology of natural high-molecular compounds,
theory of technology of synthetic high-molecular compounds,
theory of technology of plastics, theory of technology of production of rubbers and products from them,
theory of technology of varnish-paint materials and organic coatings,
theory of technology of chemical fibers and threads,
theory of technology of chemical reactants and especially clear substances,
theory of technology of production of the products of household chemistry,
theory of technology of auxiliary materials
and the cognitive modeling technology in the theoretical
chemical technology and chemical industry].

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

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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 01st-31st of March 2020 y.)