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THE APPLIED SCIENTIFIC RESEARCHES DIRECTION
“APPLICATIONS OF CHEMISTRY AND CHEMICAL TECHNOLOGIES
IN MEDICINE” (“APCHEM AND CHEMT IN M”)

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

The developed “The applied scientific researches direction “Applications of chemistry and chemical technologies in medicine” (“APCHEM and CHEMT in M”) treats to the applied 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 applied scientific researches directions 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 applied 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 applied scientific researches department “Applications of chemistry, chemical technology and chemical industry in medicine”” (“APCHEM-CHEMT and CHEMIND in M”)
*[the applied scientific researches in area “ Applications of chemistry ” (*) – usage of the theoretical bases of chemistry, usage of theory of general-laboratory chemical equipment, usage of theory of equipment, usage of theory of physical chemistry, usage of theory of non-organic chemistry, usage of theory of complex compounds, usage of theory of analytical chemistry, usage of theory of organic chemistry, usage of theory of bio-organic chemistry, usage of theory of natural organic compounds and their synthetic analogs, usage of theory of chemistry of high-molecular compounds, usage of theory of biological chemistry and usage of the cognitive modeling technology in the applications of chemistry (usage of 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 applied scientific researches in area
“Applications of chemical technology and chemical industry” –
usage of the theoretical bases of chemical technology and chemical industry,
usage of theory of processes and apparatuses of chemical technology, usage of theory of chemical raw materials,
usage of theory of technology of non-organic substances and products,
usage of theory of production of silicate and refractory non-metallic materials,
usage of theory of industrial organic synthesis,
usage of theory of industrial synthesis of organic dyes and pigments,
usage of theory of technology of photographic materials,
usage of theory of technology of chemical-pharmaceutical means,
usage of theory of technology of fragrant substances,
usage of theory of technology of pesticides and disinfecting substances,
usage of theory of technology of natural high-molecular compounds,
usage of theory of technology of synthetic high-molecular compounds,
usage of theory of technology of plastics, usage of theory of technology of production of rubbers and products from them,
usage of theory of technology of varnish-paint materials and organic coatings,
usage of theory of technology of chemical fibers and threads,
usage of theory of technology of chemical reactants and especially clear substances,
usage of theory of technology of production of the products of household chemistry,
usage of theory of technology of auxiliary materials
and usage of the cognitive modeling technology in the applications
of chemical technology and chemical industry].

The applied scientific researches directions 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. “IQR and D in MO: CA” on the 01st-31st of October 2020 y.)