

“the author of the unique technology” of cognitive modeling” Vetrov Anatoly Nikolaevich
www.vetrovan.(spb.)ru
RF, Saint-Petersburg city

THE DIVISIONS OF FUNDAMENTAL
SCIENTIFIC RESEARCHES (AT THE MICROSCOPIC LEVEL)
OF “SEC "SFA CMT" OF "RA(M)S" N. A. ACAD. BURDENKO N.N.”

The structure of “The scientific-educational centre "System and financial analysis based on cognitive modeling technology" of "The Russian academy of (medical) sciences" named after academician 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 "ACNS"” (www.vetrovan.(spb.)ru) includes the various divisions of process of the carrying out of scientific researches:

- A. The fundamental scientific researches divisions of “SEC”
for the system, financial and complex analysis at the micro-level in medicine – the 45 fundamental scientific researches sections (departments) (FSRS(DP)) on the 10 fundamental scientific researches branches (FSRB) of “SEC” are connected with the 26 FSRS(DP) on the 13 FSRB of “SIO "ACNS"”, and also with FSRS(DP) on FSRB of “The Russian academy of (medical) sciences”.
- A.1. FSRB “Theory of preventive medicine” (“TPREVM”).
A.1.1. FSRS(DP) “Theory of hygiene” (“THYG”) (*).
A.1.2. FSRS(DP) “Theory of disinfectology” (“TDIS”) (*).
A.1.3. FSRS(DP) “Theory of preventive epidemiology” (“TPREVEP”) (*).
A.1.4. FSRS(DP) “Theory of recreational medicine” (“TREC RM”) (*).
A.1.5. FSRS(DP) “Theory of sanitation” (“TSAN”) (*).
A.1.6. FSRS(DP) “Theory of public-health-services, medical labor safety, medical environment preservation and medical ecology of person” (“TPMLSM EP and MEP”) (*).
A.1.7. FSRS(DP) “Theory of medical-social expertise, medical-social rehabilitation and medical sociology” (“TM-SEM-SR and MS”) (*).
A.2. FSRB “Theory of clinical medicine” (“TCLINM”).
A.2.1. FSRS(DP) “Theory of obstetrics and gynecology (of the physiological and pathological processes in the organism of woman after the conception, pregnancy and childbirth)” (“TOB and GYN (PH and PPR in ORGWACPR and CH)”) (*).
A.2.2. FSRS(DP) “Theory of anesthesiology and resuscitation (of the methods of protecting of the organism against the surgery trauma)” (“TAN and RES (MPRORG ag SURGITR)”) (*).
A.2.3. FSRS(DP) “Theory of gastro-enterology (of the diseases of gastro-intestinal tract)” (“TGAST-ENT (DG-IT)”) (*).
A.2.4. FSRS(DP) “Theory of hematology and hema-transfusion (of the transfusion of blood)” (“THEMAT and HEMA-TR (TB)”) (*).
A.2.5. FSRS(DP) “Theory of gerontology and geriatrics (of the diseases of aging and rejuvenation)” (“TGERONT and GERIATR (DAG and REJ)”) (*).
A.2.6. FSRS(DP) “Theory of dermatology and venereology (of the diseases of skin and venereal diseases)” (“TDERM and VEN (DS and VEND)”) (*).

- A.2.7. FSR S (DP) “Theory of dietetics (of the diseases of improper nutrition)” (“TDIET (DIN)”) (*).
- A.2.8. FSR S (DP) “Theory of cardiology (of the diseases of the cardio-vascular system)” (“TCARD (DC-VS)”) (*).
- A.2.9. FSR S (DP) “Theory of radiation diagnostics and radiation therapy” (“TRDIANG and R THER”) (*).
- A.2.10. FSR S (DP) “Theory of neurology (of the diseases of the nervous system)” (“TNEUR (DNERVS)”) (*).
- A.2.11. FSR S (DP) “Theory of nephrology and urology (of the diseases of the (over)renal and sexual systems)” (“TNEPHR and UR (D(O)REN and SEXS)”) (*).
- A.2.12. FSR S (DP) “Theory of oncology (of the diseases of the new formations and tumors of the biological construct of organism)” (“TONC (DNFORM and TUMBCORG)”) (*).
- A.2.13. FSR S (DP) “Theory of laryngo-oto-rhinology or oto-rhino-laryngology (of the diseases of the ear, throat and nose)” (“TLAR or OTORIN (DETH and N)”) (*).
- A.2.14. FSR S (DP) “Theory of ophthalmology (of the diseases of the visual sensory system)” (“TOPHT (DVSS)”) (*).
- A.2.15. FSR S (DP) “Theory of pediatrics (of the diseases of the biological construct of organism of the children)” (“TPED (DBCORGCH)”) (*).
- A.2.16. FSR S (DP) “Theory of psychiatry and narcology (of the diseases of the psychical construct of the head brain)” (“TPS and NAR (DPCHB)”) (*).
- A.2.17. FSR S (DP) “Theory of pulmonology and phthisiology (of the diseases of the pulmonary and bronchial systems)” (“TPULM and PHTHIS (DP and BS)”) (*).
- A.2.18. FSR S (DP) “Theory of rheumatology (of the inflammatory and degenerative-dystrophic diseases of the joints, spine and the system diseases of connective tissue)” (“TRHEUM (I and D-DDJS and SDCT)”) (*).
- A.2.19. FSR S (DP) “Theory of dentistry (of the diseases of the cavity of mouth, jaws and their border areas of the face and neck)” (“TDENT (DCMJ and BAF and N)”) (*).
- A.2.20. FSR S (DP) “Theory of traumatology, orthopedics and prosthetics (of the diseases of skeletal-muscular system)” (“TTRORTH and PROSTH (DS-MS)”) (*).
- A.2.21. FSR S (DP) “Theory of therapy (of the relieving or eliminating of symptoms and manifestations of the disease or trauma)” (“T THER (REL or ELIMS and MD or TR)”) (*).
- A.2.22. FSR S (DP) “Theory of endocrinology (of the diseases of the internal organs and the disorders of hormonal cycles)” (“TEND (DIO and DHC)”) (*).
- A.2.23. FSR S (DP) “Theory of epidemiology (of the infectious diseases)” (“TEPID (ID)”) (*).
- A.2.24. FSR S (DP) “Theory of surgery, cardio-vascular surgery, neuro-surgery, pediatric surgery, transplantology and artificial organs” (“TSURGC-VSURGN-SURGPSERGT and AO”) (*).
- A.3. FSRB “Theory of pharmacology and pharmaceutics” (“TPHARMAC and PHARMAC”).
- A.3.1. FSR S (DP) “Theory of pharmacology, pharmaco-epidemiology, pharmacy, bio-chemical pharmacology, clinical pharmacology, molecular pharmacology, pharmaco-genomics and experimental pharmacology” (“TPHPH-EPPHB-CHPHCLPHMPHPH-G and EXPPH”) (*).

- A.4. FSRB “Theory of sports medicine” (“TSPM”).
- A.4.1. FSR S(DP) “Theory of medicine of competitions, sport and sports sciences” (“TMCSP and SPS”).
- A.5. FSRB “Theory of military medicine” (“TMILM”).
- A.5.1. FSR S(DP) “Theory of medicine and medical education in the armed forces” (“TM and NEDUC in MF”).
- A.6. FSRB “Theory of chemistry and chemical technologies in medicine” (“TCHEM and CHEMT in M”).
- A.6.1. FSR S(DP) “Theory of chemistry, chemical technology and chemical industry in medicine” (“TCHEM-CHEMT and CHEMIND in M”).
- A.7. FSRB “Theory of biology, physiology and bio-physiological technologies in medicine” (“TBIOLPHYS and B-PHYST in M”).
- A.7.1. FSR S(DP) “Theory of general biology” (“TGENB”).
- A.7.2. FSR S(DP) “Theory of physical-chemical bio-technology” (“TPHYS-CHEMB-T”)(*).
- A.7.3. FSR S(DP) “Theory of physiology, bio-physiology and private physiology (of sensory systems)” (“TPHYSB-PHYS and PRPHYS (SS)”)(*).
- A.8. FSRB “Theory of mathematics and mathematical technologies in medicine” (“TMATH and MATHT in M”).
- A.8.1. FSR S(DP) “Theory of medical mathematics and the complex system analysis based on the cognitive modeling technology” (“TMMATH and DSAB on CMT”)(*).
- A.8.2. FSR S(DP) “Theory of medical cybernetics and (cognitive) informatics” (“TMCYB and (CONG)INF”)(*).
- A.9. FSRB “Theory of nano-technologies and information technologies in medicine” (“TNANO-T and INFT in M”).
- A.9.1. FSR S(DP) “Theory of medical electronics, radio-technics and connection” (“TMELR-T and CONN”).
- A.9.2. FSR S(DP) “Theory of medical automatics, computing technics and the systems analysis based on the cognitive modeling technology” (“TMAUTCT and SAB on CMT”)(*).
- A.9.3. FSR S(DP) “Theory of nano-technologies for the mechanical-engineering, instrument-making, polygraphy, reprography and photo-cinema-technics, light and food industry, transport, architecture and construction in medicine” (“TNANO-T for M-EI-MPRPH-S-TL and FITA and C in M”)(*).
- A.10. FSRB “Theory of social-science and technologies of social sciences in medicine” (“TSOC-S and TSOCS in M”).
- A.10.1. FSR S(DP) “Theory of social sciences, philosophy, science-study, politics and political sciences, sociology, (cognitive) psychology, state, law and legal sciences, patent business, invention and rationalization in medicine” (“TSOCSPHS-STP and PSS(C)PSL and JSPBI and R in M”)(*).
- A.10.2. FSR S(DP) “Theory of economics and economic sciences, organization, management, statistics and the financial analysis based on the cognitive modeling technology in medicine” (“TECON and ECONSOMS and FAB on CMT in M”)(*).