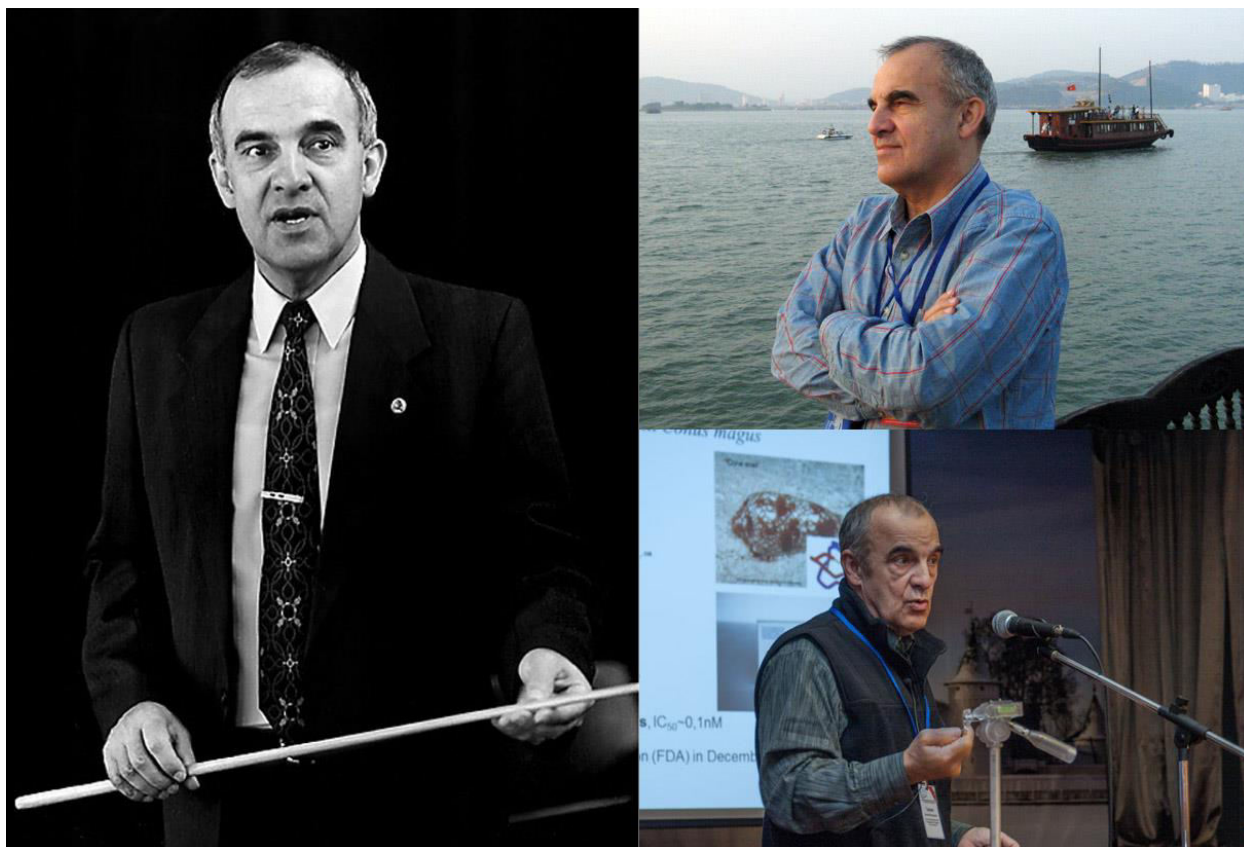


Евгений Васильевич Гришин



(16 апреля 1946 г. - 8 апреля 2016 г.)

На 70-м году жизни от нас ушел заместитель директора Института биоорганической химии имени М.М.Шемякина и Ю.А.Овчинникова РАН академик **Евгений Васильевич Гришин**, ведущий ученый нашей страны и мира в области молекулярной нейробиологии. Наука потеряла талантливого ученого, широко известного своими научными достижениями в изучении нейротоксинов и их клеточных рецепторов, прекрасного преподавателя и организатора науки. У всех кому довелось общаться с Евгением Васильевичем и работать вместе с ним навсегда останется благодарная память о блестящем исследователе и прекрасном человеке. Приносим свои искренние соболезнования всем коллегам, друзьям и членам семьи Евгения Васильевича.

Список основных публикаций:

- KUZMENKOV, AI; VASSILEVSKI, AA; KUDRYASHOVA, KS; NEKRASOVA, OV; PEIGNEUR, S; TYTGAT, J; FEOFANOV, AV; KIRPICHNIKOV, MP; GRISHIN, EV.**
VARIABILITY OF POTASSIUM CHANNEL BLOCKERS IN MESOBUTHUS EUPEUS SCORPION VENOM WITH FOCUS ON KV1.1 AN INTEGRATED TRANSCRIPTOMIC AND PROTEOMIC STUDY
JOURNAL OF BIOLOGICAL CHEMISTRY 290(19), 12195-12209 (2015)
- OGURTSOVA, EK; MAKARIEVA, TN; GUZII, AG; DMITRENOK, PS; DENISENKO, VA; KRASOKHIN, VB; KOROLKOVA, YV; ANDREEV, YA; MOSHAROVA, IV; GRISHIN, EV.**
INHIBITORY ACTIVITY ON TRP RECEPTORS OF PENTACYCLIC ALKALOIDS FROM THE FUNGUS HALICLONA (GELLIUS) SP. (VOL 51, PG 194, 2015)
CHEMISTRY OF NATURAL COMPOUNDS 51(2), 404-404 (2015)
- BERKUT, AA; PEIGNEUR, S; MYSHKIN, MY; PARAMONOV, AS; LYUKMANOVA, EN; ARSENIIEV, AS; GRISHIN, EV; TYTGAT, J; SHENKAREV, ZO; VASSILEVSKI, AA.**

- STRUCTURE OF MEMBRANE-ACTIVE TOXIN FROM CRAB SPIDER *HERIAEUS MELLOTEEI* SUGGESTS PARALLEL EVOLUTION OF SODIUM CHANNEL GATING MODIFIERS IN ARANEOMORPHAE AND MYGALOMORPHAE
JOURNAL OF BIOLOGICAL CHEMISTRY 290(1), 492-504 (2015)
4. **OGURTSOVA, EK; MAKARIEVA, TN; GUZII, AG; DMITRENOK, PS; DENISENKO, VA; KRASOKHIN, VB; KOROLKOVA, YV; ANDREEV, YA; MOSHAROVA, IV; GRISHIN, EV.**
INHIBITORY ACTIVITY ON TRP RECEPTORS OF PENTACYCLIC ALKALOIDS FROM THE FUNGUS *HALICLONA (GELLIUS) SP.*
CHEMISTRY OF NATURAL COMPOUNDS 51(1), 194-196 (2015)
 5. **PLUZHNIKOV, KA; KOZLOV, SA; VASSILEVSKI, AA; VORONTSOVA, OV; FEOFANOV, AV; GRISHIN, EV.**
LINEAR ANTIMICROBIAL PEPTIDES FROM *ECTATOMMA QUADRIDENS* ANT VENOM
BIOCHIMIE 107, 211-215 (2014)
 6. **SACHKOVA, MY; SLAVOKHOTOVA, AA; GRISHIN, EV; VASSILEVSKI, AA.**
STRUCTURE OF THE YELLOW SAC SPIDER *CHEIRACANTHIUM PUNCTORIUM* GENES PROVIDES CLUES TO EVOLUTION OF INSECTICIDAL TWO-DOMAIN KNOTTIN TOXINS (VOL 23, PG 527, 2014)
INSECT MOLECULAR BIOLOGY 23(6), 857-857 (2014)
 7. **SIMONOVA, MA; PETROVA, EE; DMITRENKO, OA; KOMALEVA, RL; SHOSHINA, NS; SAMOKHVALOVA, LV; VALYAKINA, TI; GRISHIN, EV.**
XMAP-BASED ANALYSIS OF THREE MOST PREVALENT STAPHYLOCOCCAL TOXINS IN *STAPHYLOCOCCUS AUREUS* CULTURES
ANALYTICAL AND BIOANALYTICAL CHEMISTRY 406(25), 6447-6452 (2014)
 8. **SACHKOVA, MY; SLAVOKHOTOVA, AA; GRISHIN, EV; VASSILEVSKI, AA.**
STRUCTURE OF THE YELLOW SAC SPIDER *CHEIRACANTHIUM PUNCTORIUM* GENES PROVIDES CLUES TO EVOLUTION OF INSECTICIDAL TWO-DOMAIN KNOTTIN TOXINS
INSECT MOLECULAR BIOLOGY 23(4), 527-538 (2014)
 9. **ARZAMASOV, AA; VASSILEVSKI, AA; GRISHIN, EV.**
CHLOROTOXIN AND RELATED PEPTIDES: SHORT INSECT TOXINS FROM SCORPION VENOM
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 40(4), 359-369 (2014)
 10. **BERKUT, AA; USMANOVA, DR; PEIGNEUR, S; OPARIN, PB; MINEEV, KS; ODINTSOVA, TI; TYTGAT, J; ARSENIEV, AS; GRISHIN, EV; VASSILEVSKI, AA.**
STRUCTURAL SIMILARITY BETWEEN DEFENSE PEPTIDE FROM WHEAT AND SCORPION NEUROTOXIN PERMITS RATIONAL FUNCTIONAL DESIGN
JOURNAL OF BIOLOGICAL CHEMISTRY 289(20), 14331-14340 (2014)
 11. **RYAZANTSEV, DY; ROGOZHIN, EA; DIMITRIEVA, TV; DROBYAZINA, PE; KHADEEVA, NV; EGOROV, TA; GRISHIN, EV; ZAVRIEV, SK.**
A NOVEL HAIRPIN-LIKE ANTIMICROBIAL PEPTIDE FROM BARNYARD GRASS (*ECHINOCHLOA CRUSGALLI L.*) SEEDS: STRUCTURE-FUNCTIONAL AND MOLECULAR-GENETICS CHARACTERIZATION
BIOCHIMIE 99, 63-70 (2014)
 12. **SACHKOVA, MY; SLAVOKHOTOVA, AA; GRISHIN, EV; VASSILEVSKI, AA.**
GENES AND EVOLUTION OF TWO-DOMAIN TOXINS FROM LYNX SPIDER VENOM
FEBS LETTERS 588(5), 740-745 (2014)
 13. **LYUBAVINA, IA; BROVKO, FA; VALYAKINA, TI; VERTIEV, YV; GRISHIN, EV.**
METHODS OF EXPRESS ANALYSIS OF STAPHYLOCOCCAL ENTEROTOXIN A IN FOOD PRODUCTS
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 40(2), 170-178 (2014)
 14. **SLAVOKHOTOVA, AA; ROGOZHIN, EA; MUSOLYAMOV, AK; ANDREEV, YA; OPARIN, PB; BERKUT, AA; VASSILEVSKI, AA; EGOROV, TA; GRISHIN, EV;**

- ODINTSOVA, TI.**
NOVEL ANTIFUNGAL ALPHA-HAIRPININ PEPTIDE FROM STELLARIA MEDIA SEEDS: STRUCTURE, BIOSYNTHESIS, GENE STRUCTURE AND EVOLUTION
PLANT MOLECULAR BIOLOGY 84(1-2), 189-202 (2014)
- 15. LIUBAVINA, I A; BROVKO, F A; VALIAKINA, T I; VERTIEV, IU V; GRISHIN, E V.**
[DEVELOPMENT OF METHODS FOR RAPID TEST OF STAPHYLOCOCCAL ENTEROTOXIN A IN FOOD].
BIOORGANICHESKAIA KHIMIJA 40(2), - (2014)
- 16. VASSILEVSKI, AA; SACHKOVA, MY; IGNATOVA, AA; KOZLOV, SA; FEOFANOV, AV; GRISHIN, EV.**
SPIDER TOXINS COMPRISING DISULFIDE-RICH AND LINEAR AMPHIPATHIC DOMAINS: A NEW CLASS OF MOLECULES IDENTIFIED IN THE LYNX SPIDER OXYOPES TAKOBIUS
FEBS JOURNAL 280(23), 6247-6261 (2013)
- 17. ANDREEV, YA; KOZLOV, SA; KOROLKOVA, YV; DYACHENKO, IA; BONDARENKO, DA; SKOBTSOV, DI; MURASHEV, AN; KOTOVA, PD; ROGACHEVSKAJA, OA; KABANOVA, NV; KOLESNIKOV, SS; GRISHIN, EV.**
POLYPEPTIDE MODULATORS OF TRPV1 PRODUCE ANALGESIA WITHOUT HYPERTHERMIA
MARINE DRUGS 11(12), 5100-5115 (2013)
- 18. MAKARIEVA, TN; OGURTSOVA, EK; KOROLKOVA, YV; ANDREEV, YA; MOSHAROVA, IV; TABAKMAKHER, KM; GUZIL, AG; DENISENKO, VA; DMITRENOK, PS; LEE, HS; GRISHIN, EV; STONIK, VA.**
PULCHRANINS B AND C, NEW ACYCLIC GUANIDINE ALKALOIDS FROM THE FAR-EASTERN MARINE SPONGE MONANCHORA PULCHRA
NATURAL PRODUCT COMMUNICATIONS 8(9), 1229-1232 (2013)
- 19. ASTAFIEVA, AA; ROGOZHIN, EA; ANDREEV, YA; ODINTSOVA, TI; KOZLOV, SA; GRISHIN, EV; EGOROV, TA.**
A NOVEL CYSTEINE-RICH ANTIFUNGAL PEPTIDE TOAMP4 FROM TARAXACUM OFFICINALE WIGG. FLOWERS
PLANT PHYSIOLOGY AND BIOCHEMISTRY 70, 93-99 (2013)
- 20. OSMAKOV, DI; KOZLOV, SA; ANDREEV, YA; KOSHELEV, SG; SANAMYAN, NP; SANAMYAN, KE; DYACHENKO, IA; BONDARENKO, DA; MURASHEV, AN; MINEEV, KS; ARSENIIEV, AS; GRISHIN, EV.**
SEA ANEMONE PEPTIDE WITH UNCOMMON BETA-HAIRPIN STRUCTURE INHIBITS ACID-SENSING ION CHANNEL 3 (ASIC3) AND REVEALS ANALGESIC ACTIVITY
JOURNAL OF BIOLOGICAL CHEMISTRY 288(32), 23116-23127 (2013)
- 21. UTKINA, LL; ANDREEV, YA; ROGOZHIN, EA; KOROSTYLEVA, TV; SLAVOKHOTOVA, AA; OPARIN, PB; VASSILEVSKI, AA; GRISHIN, EV; EGOROV, TA; ODINTSOVA, TI.**
GENES ENCODING 4-CYS ANTIMICROBIAL PEPTIDES IN WHEAT TRITICUM KIHARAE DOROF. ET MIGUSH.: MULTIMODULAR STRUCTURAL ORGANIZATION, INTRASPECIFIC VARIABILITY, DISTRIBUTION AND ROLE IN DEFENCE
FEBS JOURNAL 280(15), 3594-3608 (2013)
- 22. SACHKOVA, M; SLAVOKHOTOVA, A; VASSILEVSKI, A; GRISHIN, E.**
SPIDER GENES ENCODING TWO-DOMAIN TOXINS
FEBS JOURNAL 280, 13-13 (2013)
- 23. BERKUT, A; PEIGNEUR, S; USMANOVA, D; OPARIN, P; MINEEV, K; ARSENIIEV, A; TYTGAT, J; GRISHIN, E; VASSILEVSKI, A.**
CONVERTING A PLANT DEFENSE PEPTIDE INTO A POTASSIUM CHANNEL BLOCKER
FEBS JOURNAL 280, 497-497 (2013)

- 24. GRISHIN, E.**
ANALGESIC PEPTIDES FROM ANIMAL VENOMS
FEBS JOURNAL 280, 502-502 (2013)
- 25. VASSILEVSKI, A; GRISHIN, E.**
MODULAR ORGANIZATION OF ARACHNID TOXINS
FEBS JOURNAL 280, 582-583 (2013)
- 26. NEKRASOVA, O; KUDRYASHOVA, K; VASSILEVSKI, A; KUZMENKOV, A;
KOROLKOVA, Y; GRISHIN, E; KIRPICHNIKOV, M; FEOFANOV, A.**
FUNCTIONAL EXPRESSION OF LIGAND-BINDING DOMAINS OF EUKARYOTIC
PROTEINS IN E. COLI MEMBRANE: EXERCISES WITH KV1.3 CHANNEL
FEBS JOURNAL 280, 610-610 (2013)
- 27. CHUGUNOV, AO; KOROMYSLOVA, AD; BERKUT, AA; PEIGNEUR, S;
TYTGAT, J; POLYANSKY, AA; PENTKOVSKY, VM; VASSILEVSKI, AA;
GRISHIN, EV; EFREMOV, RG.**
MODULAR ORGANIZATION OF ALPHA-TOXINS FROM SCORPION VENOM
MIRRORS DOMAIN STRUCTURE OF THEIR TARGETS, SODIUM CHANNELS
JOURNAL OF BIOLOGICAL CHEMISTRY 288(26), 19014-19027 (2013)
- 28. GUZII, AG; MAKARIEVA, TN; KOROLKOVA, YV; ANDREEV, YA;
MOSHAROVA, IV; TABAKMAHER, KM; DENISENKO, VA; DMITRENOK, PS;
OGURTSOVA, EK; ANTONOV, AS; LEE, HS; GRISHIN, EV.**
PULCHRANIN A, ISOLATED FROM THE FAR-EASTERN MARINE SPONGE,
MONANCHORA PULCHRA: THE FIRST MARINE NON-PEPTIDE INHIBITOR OF
TRPV-1 CHANNELS
TETRAHEDRON LETTERS 54(10), 1247-1250 (2013)
- 29. KUDRYASHOVA, KS; NEKRASOVA, OV; KUZMENKOV, AI; VASSILEVSKI,
AA; IGNATOVA, AA; KOROLKOVA, YV; GRISHIN, EV; KIRPICHNIKOV, MP;
FEOFANOV, AV.**
FLUORESCENT SYSTEM BASED ON BACTERIAL EXPRESSION OF HYBRID
KCSA CHANNELS DESIGNED FOR KV1.3 LIGAND SCREENING AND STUDY
ANALYTICAL AND BIOANALYTICAL CHEMISTRY 405(7), 2379-2389 (2013)
- 30. LAZAREV, VN; SHKARUPETA, MM; POLINA, NF; KOSTRJKOVA, ES;
VASSILEVSKI, AA; KOZLOV, SA; GRISHIN, EV; GOVORUN, VM.**
ANTIMICROBIAL PEPTIDE FROM SPIDER VENOM INHIBITS CHLAMYDIA
TRACHOMATIS INFECTION AT AN EARLY STAGE
ARCHIVES OF MICROBIOLOGY 195(3), 173-179 (2013)
- 31. KUZMENKOV, AI; FEDOROVA, IM; VASSILEVSKI, AA; GRISHIN, EV.**
CYSTEINE-RICH TOXINS FROM LACHESANA TARABAEVI SPIDER VENOM
WITH AMPHIPHILIC C-TERMINAL SEGMENTS
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES 1828(2), 724-731 (2013)
- 32. ORLOV, AV; KHODAKOVA, JA; NIKITIN, MP; SHEPELYAKOVSKAYA, AO;
BROVKO, FA; LAMAN, AG; GRISHIN, EV; NIKITIN, PI.**
MAGNETIC IMMUNOASSAY FOR DETECTION OF STAPHYLOCOCCAL TOXINS
IN COMPLEX MEDIA
ANALYTICAL CHEMISTRY 85(2), 1154-1163 (2013)
- 33. PHILYPPOV, IB; PADURARU, ON; ANDREEV, YA; GRISHIN, EV; SHUBA, YM.**
MODULATION OF TRPV1-DEPENDENT CONTRACTILITY OF NORMAL AND
DIABETIC BLADDER SMOOTH MUSCLE BY ANALGESIC TOXINS FROM SEA
ANEMONE HETERACTIS CRISPA
LIFE SCIENCES 91(19-20), 912-920 (2012)
- 34. ROGOZHIN, EA; RYAZANTSEV, DY; GRISHIN, EV; EGOROV, TA; ZAVRIEV,
SK.**
DEFENSE PEPTIDES FROM BARNYARD GRASS (ECHINOCHLOA CRUSGALLI L.)
SEEDS
PEPTIDES 38(1), 33-40 (2012)
- 35. POLYANSKY, AA; CHUGUNOV, AO; VASSILEVSKI, AA; GRISHIN, EV;
EFREMOV, RG.**

- RECENT ADVANCES IN COMPUTATIONAL MODELING OF ALPHA-HELICAL MEMBRANE-ACTIVE PEPTIDES
CURRENT PROTEIN & PEPTIDE SCIENCE 13(7), 644-657 (2012)
36. **KOZLOV, SA; OSMAKOV, DI; ANDREEV, YA; KOSHELEV, SG; GLADKIKH, IN; MONASTYRNAYA, MM; KOZLOVSKAYA, EP; GRISHIN, EV.**
A SEA ANEMONE POLYPEPTIDE TOXIN INHIBITING THE ASIC3 ACID-SENSITIVE CHANNEL
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 38(6), 578-583 (2012)
37. **KABANOVA, NV; VASSILEVSKI, AA; ROGACHEVSKAJA, OA; BYSTROVA, MF; KOROLKOVA, YV; PLUZHNIKOV, KA; ROMANOV, RA; GRISHIN, EV; KOLESNIKOV, SS.**
MODULATION OF P2X3 RECEPTORS BY SPIDER TOXINS
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES 1818(11), 2868-2875 (2012)
38. **DUBINNYI, MA; OSMAKOV, DI; KOSHELEV, SG; KOZLOV, SA; ANDREEV, YA; ZAKARYAN, NA; DYACHENKO, IA; BONDARENKO, DA; ARSENIIEV, AS; GRISHIN, EV.**
LIGNAN FROM THYME POSSESSES INHIBITORY EFFECT ON ASIC3 CHANNEL CURRENT
JOURNAL OF BIOLOGICAL CHEMISTRY 287(39), 32993-33000 (2012)
39. **OPARIN, PB; MINEEV, KS; DUNAEVSKY, YE; ARSENIIEV, AS; BELOZERSKY, MA; GRISHIN, EV; EGOROV, TA; VASSILEVSKI, AA.**
BUCKWHEAT TRYPSIN INHIBITOR WITH HELICAL HAIRPIN STRUCTURE BELONGS TO A NEW FAMILY OF PLANT DEFENCE PEPTIDES (VOL 446, PG 69, 2012)
BIOCHEMICAL JOURNAL 446, 331-331 (2012)
40. **VASSILEVSKI, A; GRISHIN, E; EGOROV, T.**
ALPHA-HAIRPININS, A NOVEL FAMILY OF PLANT DEFENSE PEPTIDES
FEBS JOURNAL 279, 82-83 (2012)
41. **KUZMENKOV, A; VASSILEVSKI, A; GRISHIN, E.**
CYSTEINE-RICH INSECT TOXINS FROM LACHESANA TARABAEVI SPIDER VENOM
FEBS JOURNAL 279, 434-435 (2012)
42. **SACHKOVA, M; VASSILEVSKI, A; GRISHIN, E.**
SPIDER TOXIN OTTX FROM OXYOPES TAKOBIUS VENOM IS THE FIRST MEMBER OF A NOVEL CLASS OF MODULAR TOXINS
FEBS JOURNAL 279, 454-454 (2012)
43. **POLINA, NF; SHKARUPETA, MM; POPENKO, AS; VASSILEVSKI, AA; KOZLOV, SA; GRISHIN, EV; LAZAREV, VN; GOVORUN, VM.**
CYTO-INSECTOTOXIN 1A FROM LACHESANA TARABAEVI SPIDER VENOM INHIBITS CHLAMYDIA TRACHOMATIS INFECTION
PROBIOTICS AND ANTIMICROBIAL PROTEINS 4(3), 208-216 (2012)
44. **OPARIN, PB; MINEEV, KS; DUNAEVSKY, YE; ARSENIIEV, AS; BELOZERSKY, MA; GRISHIN, EV; EGOROV, TA; VASSILEVSKI, AA.**
BUCKWHEAT TRYPSIN INHIBITOR WITH HELICAL HAIRPIN STRUCTURE BELONGS TO A NEW FAMILY OF PLANT DEFENCE PEPTIDES
BIOCHEMICAL JOURNAL 446, 69-77 (2012)
45. **SIMONOVA, MA; VALYAKINA, TI; PETROVA, EE; KOMALEVA, RL; SHOSHINA, NS; SAMOKHVALOVA, LV; LAKHTINA, OE; OSIPOV, IV; PHILIPENKO, GN; SINGOV, EK; GRISHIN, EV.**
DEVELOPMENT OF XMAP ASSAY FOR DETECTION OF SIX PROTEIN TOXINS
ANALYTICAL CHEMISTRY 84(15), 6326-6330 (2012)
46. **ANDREEV, YA; MOSHAROVA, IV; KOZLOV, SA; KOROLKOVA, YV; GRISHIN, EV.**
SEA ANEMONE PEPTIDES MODULATE TRPV1 ACTIVITY AND PRODUCE ANALGESIA WITHOUT HYPERTHERMIC EFFECT
TOXICON 60(2), 109-109 (2012)

- 47. ASTAFIEVA, AA; ROGOZHIN, EA; ODINTSOVA, TI; KHADEEVA, NV; GRISHIN, EV; EGOROV, TA.**
DISCOVERY OF NOVEL ANTIMICROBIAL PEPTIDES WITH UNUSUAL CYSTEINE MOTIFS IN DANDELION TARAXACUM OFFICINALE WIGG. FLOWERS PEPTIDES 36(2), 266-271 (2012)
- 48. GRISHIN, E.**
SPIDER VENOM COMPONENTS AFFECTING THE FUNCTION OF PURINERGIC RECEPTORS
TOXICON 60(2), 230-230 (2012)
- 49. VASSILEVSKI, AA; GRISHIN, EV.**
EXPANDING STRUCTURAL AND FUNCTIONAL DIVERSITY OF SPIDER VENOM COMPOUNDS
TOXICON 60(2), 230-230 (2012)
- 50. SHLYAPNIKOV, YM; SHLYAPNIKOVA, EA; SIMONOVA, MA; SHEPELYAKOVSKAYA, AO; BROVKO, FA; KOMALEVA, RL; GRISHIN, EV; MOROZOV, VN.**
RAPID SIMULTANEOUS ULTRASENSITIVE IMMUNODETECTION OF FIVE BACTERIAL TOXINS
ANALYTICAL CHEMISTRY 84(13), 5596-5603 (2012)
- 51. SHUKUROV, RR; VOBLIKOVA, VD; NIKONOROVA, AK; KOMAKHIN, RA; KOMAKHINA, VV; EGOROV, TA; GRISHIN, EV; BABAKOV, AV.**
TRANSFORMATION OF TOBACCO AND ARABIDOPSIS PLANTS WITH STELLARIA MEDIA GENES ENCODING NOVEL HEVEIN-LIKE PEPTIDES INCREASES THEIR RESISTANCE TO FUNGAL PATHOGENS
TRANSGENIC RESEARCH 21(2), 313-325 (2012)
- 52. ANDREEV, YA; KOROSTYLEVA, TV; SLAVOKHOTOVA, AA; ROGOZHIN, EA; UTKINA, LL; VASSILEVSKI, AA; GRISHIN, EV; EGOROV, TA; ODINTSOVA, TI.**
GENES ENCODING HEVEIN-LIKE DEFENSE PEPTIDES IN WHEAT: DISTRIBUTION, EVOLUTION, AND ROLE IN STRESS RESPONSE
BIOCHIMIE 94(4), 1009-1016 (2012)
- 53. KOZLOV, S; GRISHIN, E.**
CONVENIENT NOMENCLATURE OF CYSTEINE-RICH POLYPEPTIDE TOXINS FROM SEA ANEMONES
PEPTIDES 33(2), 240-244 (2012)
- 54. DANILEVICH, VN; VASILENKO, EA; PECHNIKOVA, EV; GRISHIN, EV.**
NEW MORPHOTYPES OF CONDENSED DNA MICROPARTICLES FORMED IN PCR WITH KLENTAQ AND TAQ POLYMERASES AND PLASMID DNA AS A TEMPLATE
MICROBIOLOGY 81(1), 118-129 (2012)
- 55. DANILEVICH, V N; VASILENKO, E A; PECHNIKOVA, E V; GRISHIN, E V.**
[NEW MORPHOTYPES OF CONDENSED DNA MICROPARTICLES FORMED IN PCR WITH KLENTAQ- AND TAQ-POLYMERASES AND WITH PLASMID DNAS AS TEMPLATES].
MIKROBIOLOGIJA 81(1), - (2012)
- 56. KOZLOV, S A; OSMAKOV, D I; ANDREEV, IA A; KOSHELEV, S G; GLADKIKH, I N; MONASTYRNAIA, M M; KOZLOVSKAIA, E P; GRISHIN, E V.**
[POLYPEPTIDE TOXIN FROM SEA ANEMONE INHIBITING PROTON-SENSITIVE CHANNEL ASIC3].
BIOORGANICHESKAIA KHIMIJA 38(6), - (2012)
- 57. SHEPELYAKOVSKAYA, AO; LAMAN, AG; LOMONOSOVA, AV; FURSOVA, KK; SAVINOV, GV; VERTIEV, YV; BROVKO, FA; GRISHIN, EV.**
EFFECT OF THE FORMAT OF ANTIBODIES ON THEIR SPECIFICITY
MOLECULAR IMMUNOLOGY 49(3), 433-440 (2011)
- 58. DUBOVSKII, PV; VASSILEVSKI, AA; SAMSONOVA, OV; EGOROVA, NS; KOZLOV, SA; FEOFANOV, AV; ARSENIIEV, AS; GRISHIN, EV.**

- NOVEL LYNX SPIDER TOXIN SHARES COMMON MOLECULAR ARCHITECTURE WITH DEFENSE PEPTIDES FROM FROG SKIN
FEBS JOURNAL 278(22), 4382-4393 (2011)
59. **LOMONOSOVA, AV; LAMAN, AG; FURSOVA, KK; SHEPELYAKOVSKAYA, AO; VERTIEV, YV; BROVKO, FA; GRISHIN, EV.**
GENERATION OF SCFV PHAGES SPECIFIC TO STAPHYLOCOCCUS ENTEROTOXIN C1 BY PANNING ON RELATED ANTIGENS
MABS 3(6), 513-516 (2011)
60. **LAZAREV, VN; POLINA, NF; SHKARUPETA, MM; KOSTRJUKOVA, ES; VASSILEVSKI, AA; KOZLOV, SA; GRISHIN, EV; GOVORUN, VM.**
SPIDER VENOM PEPTIDES FOR GENE THERAPY OF CHLAMYDIA INFECTION
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY 55(11), 5367-5369 (2011)
61. **BARYGIN, OI; GRISHIN, EV; TILCHONOV, DB.**
ARGIOTOXIN IN THE CLOSED AMPA RECEPTOR CHANNEL: EXPERIMENTAL AND MODELING STUDY
BIOCHEMISTRY 50(38), 8213-8220 (2011)
62. **DUBOVSKII, PV; VASSILEVSKI, AA; SLAVOKHOTOVA, AA; ODINTSOVA, TI; GRISHIN, EV; EGOROV, TA; ARSENIIEV, AS.**
SOLUTION STRUCTURE OF A DEFENSE PEPTIDE FROM WHEAT WITH A 10-CYSTEINE MOTIF
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 411(1), 14-18 (2011)
63. **NOLDE, SB; VASSILEVSKI, AA; ROGOZHIN, EA; BARINOV, NA; BALASHOVA, TA; SAMSONOVA, OV; BARANOV, YV; FEOFANOV, AV; EGOROV, TA; ARSENIIEV, AS; GRISHIN, EV.**
DISULFIDE-STABILIZED HELICAL HAIRPIN STRUCTURE AND ACTIVITY OF A NOVEL ANTIFUNGAL PEPTIDE ECAMP1 FROM SEEDS OF BARNYARD GRASS (ECHINOCHLOA CRUS-GALLI)
JOURNAL OF BIOLOGICAL CHEMISTRY 286(28), 25145-25153 (2011)
64. **DANILEVICH, VN; VASILENKO, EA; PECHNIKOVA, EV; SOKOLOVA, OS; GRISHIN, EV.**
MICRO- AND NANOPARTICLES OF CONDENSED DNA FORMED IN PCR WITH TAQ POLYMERASE AND PLASMID DNA AS A TEMPLATE
MICROBIOLOGY 80(3), 420-431 (2011)
65. **VASSILEVSKI, A; SAVCHENKO, G; PLUZHNIKOV, K; KOROLKOVA, Y; MOSHAROVA, I; BOYCHUK, Y; KRISHTAL, O; GRISHIN, E.**
PUROTOXINS FROM SPIDER VENOMS TARGET PAIN SENSATION BY MODULATION OF P2X RECEPTORS
FEBS JOURNAL 278, 340-340 (2011)
66. **OPARIN, PB; VASSILEVSKI, AA; MINEEV, KS; ARSENIIEV, AS; DUNAEVSKY, YE; BELOZERSKY, MA; GRISHIN, EV; EGOROV, TA.**
STRUCTURAL AND FUNCTIONAL STUDIES OF A TRYPSIN INHIBITOR FROM BUCKWHEAT SEEDS
FEBS JOURNAL 278, 471-471 (2011)
67. **LYUBAVINA, IA; VALYAKINA, TI; GRISHIN, EV.**
MONOCLONAL ANTIBODIES LABELED WITH COLLOIDAL GOLD FOR IMMUNOCHROMATOGRAPHIC EXPRESS ANALYSIS OF DIPHTHERIA TOXIN
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 37(3), 326-332 (2011)
68. **SAVCHENKO, GA; VOLKOVA, TM; VASILEVSKII, AA; KOROL'KOVA, YV; GRISHIN, EV; BOICHOUK, YA; KRISHTAL, OA.**
PURINERGIC MEMBRANE RECEPTORS AS TARGETS FOR THE EFFECT OF PUROTOXIN 1, A COMPONENT OF VENOM OF SPIDERS FROM THE GEOLYCOSA GENUS
NEUROPHYSIOLOGY 42(6), 387-391 (2011)
69. **RUDENKO, NV; ABBASOVA, SG; GRISHIN, EV.**
PRODUCTION AND CHARACTERIZATION OF THE MONOCLONAL ANTIBODIES

- TO BACILLUS ANTHRACIS PROTECTIVE ANTIGEN
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 37(3), 316-321 (2011)
- 70. ABBASOVA, SG; RUDENKO, NV; GOROKHOVATSKII, AY; KAPRALOVA, MV; VINOGRADOVA, ID; VERTIEV, YV; NESMEYANOV, VA; GRISHIN, EV.**
MONOCLONAL ANTIBODIES TO BOTULINUM NEUROTOXINS OF TYPES A, B, E, AND F
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 37(3), 307-315 (2011)
- 71. SLAVOKHOTOVA, AA; ODINTSOVA, TI; ROGOZHIN, EA; MUSOLYAMOV, AK; ANDREEV, YA; GRISHIN, EV; EGOROV, TA.**
ISOLATION, MOLECULAR CLONING AND ANTIMICROBIAL ACTIVITY OF NOVEL DEFENSINS FROM COMMON CHICKWEED (STELLARIA MEDIA L.) SEEDS
BIOCHIMIE 93(3), 450-456 (2011)
- 72. ROGOZHIN, EA; OSHCHEPKOVA, YI; ODINTSOVA, TI; KHADEEVA, NV; VESHKUROVA, ON; EGOROV, TA; GRISHIN, EV; SALIKHOV, SI.**
NOVEL ANTIFUNGAL DEFENSINS FROM NIGELLA SATIVA L. SEEDS
PLANT PHYSIOLOGY AND BIOCHEMISTRY 49(2), 131-137 (2011)
- 73. FILIPPOVA, MA; FEIZKHANOVA, GU; ZUBTSOVA, ZI; STOMAHIN, AA; RUBINA, AY; GRISHIN, EV.**
SIMULTANEOUS AND MULTIPARAMETRIC EXPRESS-ANALYSIS OF BIOTOXINS ON BIOCHIP
DOKLADY BIOCHEMISTRY AND BIOPHYSICS 436(1), 20-24 (2011)
- 74. KOZLOV, S; GRISHIN, E.**
THE MINING OF TOXIN-LIKE POLYPEPTIDES FROM EST DATABASE BY SINGLE RESIDUE DISTRIBUTION ANALYSIS
BMC GENOMICS 12, - (2011)
- 75. VASSILEVSKI, AA; GRISHIN, EV.**
NOVEL ACTIVE PRINCIPLES FROM SPIDER VENOM
ACTA CHIMICA SLOVENICA 58(4), 717-723 (2011)
- 76. ABBASOVA, S G; RUDDENKO, N V; GOROKHOVATSKII, A IU; KAPRALOVA, M V; VINOGRADOVA, I D; VERTIEV, IU V; NESMEIANOV, V A; GRISHIN, E V.**
[MONOCLONAL ANTIBODIES TO TYPE A, B, E AND F BOTULINUM NEUROTOXINS].
BIOORGANICHESKAIA KHIMIJA 37(3), - (2011)
- 77. DANILEVICH, V N; VASILENKO, E A; PECHNIKOVA, E V; SOKOLOVA, O S; GRISHIN, E V.**
[MICRO- AND NANOPARTICLES OF CONDENSED DNA PRODUCED DURING PCR WITH TAQ-POLYMERASE IN PRESENCE OF PLASMID MATRICES].
MIKROBIOLOGIJA 80(3), - (2011)
- 78. RUDENKO, N V; ABBASOVA, S G; GRISHIN, E V.**
[PREPARATION AND CHARACTERIZATION OF MONOCLONAL ANTIBODIES TO BACILLUS ANTHRACIS PROTECTIVE ANTIGEN].
BIOORGANICHESKAIA KHIMIJA 37(3), - (2011)
- 79. LIUBAVINA, I A; VALIAKINA, T I; GRISHIN, E V.**
[MONOCLONAL ANTIBODIES LABELED WITH COLLOIDAL GOLD FOR IMMUNOCHROMATOGRAPHIC EXPRESS ANALYSIS OF DIPHTHERIA TOXIN].
BIOORGANICHESKAIA KHIMIJA 37(3), - (2011)
- 80. ANDREEV, YA; KOZLOV, SA; VASSILEVSKI, AA; GRISHIN, EV.**
CYANOGEN BROMIDE CLEAVAGE OF PROTEINS IN SALT AND BUFFER SOLUTIONS
ANALYTICAL BIOCHEMISTRY 407(1), 144-146 (2010)
- 81. UTKINA, LL; ZHABON, EO; SLAVOKHOTOVA, AA; ROGOZHIN, EA; SHIYAN, AN; GRISHIN, EV; EGOROV, TA; ODINTSOVA, TI; PUKHAL'SKIY, VA.**
HETEROLOGOUS EXPRESSION OF A SYNTHETIC GENE ENCODING A NOVEL HEVEIN-TYPE ANTIMICROBIAL PEPTIDE OF LEYMUS ARENARIUS IN

- ESCHERICHIA COLI CELLS
RUSSIAN JOURNAL OF GENETICS 46(12), 1449-1454 (2010)
- 82. RUBINA, AY; FILIPPOVA, MA; FEIZKHANOVA, GU; SHEPELIAKOVSKAYA, AO; SIDINA, EI; BOZIEV, KM; LAMAN, AG; BROVKO, FA; VERTIEV, YV; ZASEDATELEV, AS; GRISHIN, EV.**
SIMULTANEOUS DETECTION OF SEVEN STAPHYLOCOCCAL ENTEROTOXINS: DEVELOPMENT OF HYDROGEL BIOCHIPS FOR ANALYTICAL AND PRACTICAL APPLICATION
ANALYTICAL CHEMISTRY 82(21), 8881-8889 (2010)
- 83. VASSILEVSKI, AA; FEDOROVA, IM; MALEEVA, EE; KOROLKOVA, YV; EFIMOVA, SS; SAMSONOVA, OV; SCHAGINA, LV; FEOFANOV, AV; MAGAZANIK, LG; GRISHIN, EV.**
NOVEL CLASS OF SPIDER TOXIN ACTIVE PRINCIPLE FROM THE YELLOW SAC SPIDER CHEIRACANTHIUM PUNCTORIUM VENOM IS A UNIQUE TWO-DOMAIN POLYPEPTIDE
JOURNAL OF BIOLOGICAL CHEMISTRY 285(42), 32293-32302 (2010)
- 84. DANILEVICH, VN; KADYKOV, VA; GRISHIN, EV.**
CONDENSED DNA PARTICLES FORMED IN A PCR WITH PLASMID TEMPLATES: AN ELECTRON MICROSCOPY STUDY
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 36(4), 497-507 (2010)
- 85. BILLEN, B; VASSILEVSKI, A; NIKOLSKY, A; DEBAVEYE, S; TYTGAT, J; GRISHIN, E.**
UNIQUE BELL-SHAPED VOLTAGE-DEPENDENT MODULATION OF NA⁺ CHANNEL GATING BY NOVEL INSECT-SELECTIVE TOXINS FROM THE SPIDER AGELENA ORIENTALIS
JOURNAL OF BIOLOGICAL CHEMISTRY 285(24), 18545-18554 (2010)
- 86. NIKOLSKY, A; BILLEN, B; VASSILEVSKI, A; TYTGAT, J; GRISHIN, E.**
BETA/DELTA-AGATOXINS ARE UNIQUE MODULATORS OF VOLTAGE-GATED SODIUM CHANNELS
FEBS JOURNAL 277, 292-293 (2010)
- 87. GRISHIN, EV; TSETLIN, VI.**
MOLECULAR MECHANISMS OF NEURON RECEPTOR REGULATION
HERALD OF THE RUSSIAN ACADEMY OF SCIENCES 80(3), 216-222 (2010)
- 88. DANILEVICH, VN; KADYKOV, VA; GRISHIN, EV.**
MICRO- AND NANOPARTICLES OF CONDENSED DNA FORMED IN A PCR WITH YEAST GENOMIC DNA AS A TEMPLATE. ELECTRON MICROSCOPY DATA
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 36(3), 344-353 (2010)
- 89. GRISHIN, EV; SAVCHENKO, GA; VASSILEVSKI, AA; KOROLKOVA, YV; BOYCHUK, YA; VIATCHENKO-KARPINSKI, VY; NADEZHGIN, KD; ARSENIYEV, AS; PLUZHNIKOV, KA; KULYK, VB; VOITENKO, NV; KRISHTAL, OO.**
NOVEL PEPTIDE FROM SPIDER VENOM INHIBITS P2X3 RECEPTORS AND INFLAMMATORY PAIN
ANNALS OF NEUROLOGY 67(5), 680-683 (2010)
- 90. ODINTSOVA, TI; ROGOZHIN, EA; SKLYAR, IV; MUSOLYAMOV, AK; KUDRYAVTSEV, AM; PUKHALSKY, VA; SMIRNOV, AN; GRISHIN, EV; EGOROV, TA.**
ANTIFUNGAL ACTIVITY OF STORAGE 2S ALBUMINS FROM SEEDS OF THE INVASIVE WEED DANDELION TARAXACUM OFFICINALE WIGG.
PROTEIN AND PEPTIDE LETTERS 17(4), 522-529 (2010)
- 91. SHLYAPNIKOV, YM; KOZLOV, SA; FEDOROV, AA; GRISHIN, EV.**
A COMPARISON OF POLYPEPTIDE COMPOSITIONS OF INDIVIDUAL AGELENA ORIENTALIS SPIDER VENOMS
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 36(1), 73-80 (2010)
- 92. SHUKUROV, KK; VOBLIKOBA, VD; NIKONOROVA, AK; EGOROV, TA; GRISHIN, EV; BABAKOV, AV.**

- INCREASE OF RESISTANCE OF ARABIDOPSIS THALIANA PLANTS TO PHYTOPATHOGENIC FUNGI EXPRESSING HEVEIN LIKE PEPTIDES FROM WEED PLANT STELLARIA MEDIA
RUSS AGRIC SCI 36(4), 265 (2010)
93. **UTKINA, LL; ZHABON, EO; SLAVOKHOTOVA, AA; ROGOZHIN, EA; SHIYAN, AN; GRISHIN, EV; ET AL..**
HETEROLOGOUS EXPRESSION IN ESCHERICHIA COLI CELLS OF A SYNTHETIC GENE ENCODING A NOVEL HEVEIN-LIKE PEPTIDE OF LEYMUS ARENARIUS
RUSSIAN J GENET 46, 1 (2010)
94. **DANILEVICH, V N; KADYKOV, V A; GRISHIN, E V.**
[CONDENSED DNA PARTICLES FORMED IN PCR WITH PLASMID DNA: ELECTRON MICROSCOPY STUDY].
BIOORGANICHESKAIA KHIMIYA 36(4), - (2010)
95. **DANILEVICH, V N; KADYKOV, V A; GRISHIN, E V.**
[MICRO- AND NANOPARTICLES OF CONDENSED DNA FORMED IN A PCR WITH YEAST GENOMIC DNA AS A TEMPLATE. ELECTRON MICROSCOPY DATA].
BIOORGANICHESKAIA KHIMIYA 36(3), - (2010)
96. **SHLIAPNIKOV, IU M; KOZLOV, S A; FEDOROV, A A; GRISHIN, E V.**
[COMPARISON OF POLYPEPTIDE COMPOSITIONS FROM INDIVIDUAL AGELENA ORIENTALIS SPIDER VENOMS].
BIOORGANICHESKAIA KHIMIYA 36(1), - (2010)
97. **VASSILEVSKI, ALEXANDER A; KOZLOV, SERGEY A; EGOROV, TSEZI A; GRISHIN, EUGENE V.**
PURIFICATION AND CHARACTERIZATION OF BIOLOGICALLY ACTIVE PEPTIDES FROM SPIDER VENOMS.
METHODS IN MOLECULAR BIOLOGY (CLIFTON, N.J.) 615, - (2010)
98. **VASSILEVSKI, AA; KOZLOV, SA; GRISHIN, EV.**
MOLECULAR DIVERSITY OF SPIDER VENOM
BIOCHEMISTRY-MOSCOW 74(13), 1505-1534 (2009)
99. **KOZLOV, SA; ANDREEV, YA; MURASHEV, AN; SKOBTSOV, DI; D'YACHENKO, IA; GRISHIN, EV.**
NEW POLYPEPTIDE COMPONENTS FROM THE HETERACTIS CRISPA SEA ANEMONE WITH ANALGESIC ACTIVITY
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 35(6), 711-719 (2009)
100. **OSHCHEPKOVA, YI; ROGOZHIN, EA; VESHKUROVA, ON; EGOROV, TA; SALIKHOV, SI; GRISHIN, EV.**
ISOLATION OF CYSTEINE-RICH PEPTIDES FROM NIGELLA SATIVA SPROUTS
CHEMISTRY OF NATURAL COMPOUNDS 45(5), 690-692 (2009)
101. **VALYAKINA, TI; LAKHTINA, OE; KOMALEVA, RL; SIMONOVA, MA; SAMOKHVALOVA, LV; SHOSHINA, NS; KALININA, NA; RUBINA, AY; FILIPPOVA, MA; VERTIEV, YV; GRISHIN, EV.**
PRODUCTION AND CHARACTERISTICS OF MONOCLONAL ANTIBODIES TO THE DIPHTHERIA TOXIN
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 35(5), 556-565 (2009)
102. **TEDESCO, E; RIGONI, M; CACCIN, P; GRISHIN, E; ROSSETTO, O; MONTECUCCO, C.**
CALCIUM OVERLOAD IN NERVE TERMINALS OF CULTURED NEURONS INTOXICATED BY ALPHA-LATROTOXIN AND SNAKE PLA2 NEUROTOXINS
TOXICON 54(2), 138-144 (2009)
103. **ZUBTSOVA, ZI; FILIPPOVA, MA; SAVVATEEVA, EN; ZUBTSOV, DA; CHECHETKIN, VR; GRISHIN, EV; ZASEDATELEV, AS; RUBINA, AY.**
FLUORESCENCE SIGNAL AMPLIFICATION ON THE GEL BIOCHIPS WITH A MIRROR SURFACE AND OPTIMIZATION OF IMMUNOASSAY PROCEDURE
DOKLADY BIOCHEMISTRY AND BIOPHYSICS 427(1), 171-174 (2009)
104. **ODINTSOVA, TI; VASSILEVSKI, AA; SLAVOKHOTOVA, AA; MUSOLYAMOV, AK; FINKINA, EI; KHADEEVA, NV; ROGOZHIN, EA;**

- KOROSTYLEVA, TV; PUKHALSKY, VA; GRISHIN, EV; EGOROV, TA.**
A NOVEL ANTIFUNGAL HEVEIN-TYPE PEPTIDE FROM TRITICUM KIHARAE SEEDS WITH A UNIQUE 10-CYSTEINE MOTIF
FEBS JOURNAL 276(15), 4266-4275 (2009)
- 105. POLYANSKY, AA; VASSILEVSKI, AA; VOLYNSKY, PE; VORONTSOVA, OV; SAMSONOVA, OV; EGOROVA, NS; KRYLOV, NA; FEOFANOV, AV; ARSENIIEV, AS; GRISHIN, EV; EFREMOV, RG.**
N-TERMINAL AMPHIPATHIC HELIX AS A TRIGGER OF HEMOLYTIC ACTIVITY IN ANTIMICROBIAL PEPTIDES: A CASE STUDY IN LATARCINS
FEBS LETTERS 583(14), 2425-2428 (2009)
- 106. NIKOLSKY, AS; BILLEN, B; VASSILEVSKI, AA; FILKIN, SY; TYTGAT, J; GRISHIN, EV.**
VOLTAGE-GATED SODIUM CHANNELS ARE TARGETS FOR TOXINS FROM THE VENOM OF THE SPIDER HERIAEUS MELLOTEEI
BIOLOGICHESKIE MEMBRANY 26(4), 249-257 (2009)
- 107. VASSILEVSKI, A; KOZLOV, S; GRISHIN, E.**
NOVEL GROUPS AND CLASSES OF ANTIMICROBIAL PEPTIDES FROM SPIDER VENOMS
FEBS JOURNAL 276, 170-170 (2009)
- 108. ROGOZHIN, EA; ODINTSOVA, TI; MUSOLYAMOV, AK; SMIRNOV, AN; BABAKOV, AV; EGOROV, TA; GRISHIN, EV.**
THE PURIFICATION AND CHARACTERIZATION OF A NOVEL LIPID TRANSFER PROTEIN FROM CARYOPSIS OF BARNYARD GRASS (ECHINOCHLOA CRUSGALLI)
APPLIED BIOCHEMISTRY AND MICROBIOLOGY 45(4), 363-368 (2009)
- 109. DANILEVICH, VN; GRISHIN, EV.**
CHARACTERISTICS OF MICROSPHERES FORMED IN PCR WITH BACTERIAL GENOMIC DNA OR PLASMID DNA AS TEMPLATES
MICROBIOLOGY 78(3), 328-338 (2009)
- 110. OSHCHEPKOVA, YI; VESHKUROVA, ON; ROGOZHIN, EA; MUSOLYAMOV, AK; SMIRNOV, AN; ODINTSOVA, TI; EGOROV, TA; GRISHIN, EV; SALIKHOV, SI.**
ISOLATION OF THE LIPID-TRANSPORTING PROTEIN NS-LTP1 FROM SEEDS OF THE GARDEN FENNEL FLOWER (NIGELLA SATIVA)
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 35(3), 315-319 (2009)
- 111. NEKRASOVA, OV; IGNATOVA, AA; NAZAROVA, AI; FEOFANOV, AV; KOROLKOVA, YV; BOLDYREVA, EF; TAGVEI, AI; GRISHIN, EV; ARSENIIEV, AS; KIRPICHNIKOV, MP.**
RECOMBINANT KV CHANNELS AT THE MEMBRANE OF ESCHERICHIA COLI BIND SPECIFICALLY AGITOXIN2
JOURNAL OF NEUROIMMUNE PHARMACOLOGY 4(1), 83-91 (2009)
- 112. DANILEVICH, VN; BARINOVA, ES; GRISHIN, EV.**
MICROPARTICLES FROM CONDENSED DNA FORMED IN THE PROCESS OF POLYMERASE CHAIN REACTION
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 35(2), 207-218 (2009)
- 113. ANDREEV, YA; KOZLOV, SA; KOZLOVSKAYA, EP; GRISHIN, EV.**
ANALGESIC EFFECT OF A POLYPEPTIDE INHIBITOR OF THE TRPV1 RECEPTOR IN NOXIOUS HEAT PAIN MODELS
DOKLADY BIOCHEMISTRY AND BIOPHYSICS 424(1), 46-48 (2009)
- 114. ZUBTSOVA, ZH. I.; FILIPPOVA, M. A.; SAVVATEEVA, E. N.; ZUBTSOV, D. A.; CHECHETKIN, V. R.; GRISHIN, E. V.; ZASEDATELEV, A. S.; RUBINA, A. YU..**
ENHANCE FLUORESCENCE SIGNAL ON GEL MICROCHIPS WITH METAL SURFACE AND OPTIMIZATION OF IMMUNOASSAY
DOKLADY AKADEMII NAUK 427(1), 118 (2009)

- 115. DANILEVICH, V N; GRISHIN, E V.**
[CHARACTERISTICS OF MICROSPHERES FORMED WITH BACTERIAL GENOMIC DNA AND PLASMID TEMPLATES IN THE PROCESS OF POLYMERASE CHAIN REACTION].
MIKROBIOLOGIYA 78(3), - (2009)
- 116. DANILEVICH, V N; BARINOVA, E S; GRISHIN, E V.**
[MICROPARTICLES FROM COUPLED DNA FORMED IN THE PROCESS OF POLYMERASE CHAIN REACTION].
BIOORGANICHESKAIA KHIMIYA 35(2), - (2009)
- 117. KOZLOV, S A; ANDREEV, IA A; MURASHEV, A N; SKOBTSOV, D I; D'IACHENKO, I A; GRISHIN, E V.**
[NEW POLYPEPTIDE COMPONENTS FROM THE HETERACTIS CRISPA SEA ANEMONE WITH ANALGESIC ACTIVITY].
BIOORGANICHESKAIA KHIMIYA 35(6), - (2009)
- 118. NIKONOROVA, A. K.; EGOROV, C. A.; GALKINA, T. G.; GRISHIN, E., V; BABAKOV, A. V..**
ANTIFUNGAL ACTIVITY OF PHENOLIC GLICOZIDE VERBASCOSIDE FROM PLANTAGO MAJOR SEEDS
MIKOLOGIYA I FITOPATOLOGIYA 43(1), 52 (2009)
- 119. OSHCHEPKOVA, IU I; VESHKUROVA, O N; ROGOZHIN, E A; MUSOLIAMOV, A KH; SMIRNOV, A N; ODINTSOVA, T I; EGOROV, TS A; GRISHIN, E V; SALIKHOV, SH I.**
[ISOLATION OF THE LIPID-TRANSPORTING PROTEIN NS-LTP1 FROM SEEDS OF THE GARDEN FENNEL FLOWER (NIGELLA SATIVA)].
BIOORGANICHESKAIA KHIMIYA 35(3), - (2009)
- 120. ROGOZHIN, E A; ODINTSOVA, T I; MUSOLIAMOV, A KH; SMIRNOV, A N; BABAKOV, A V; EGOROV, TS A; GRISHIN, E V.**
[THE PURIFICATION AND CHARACTERIZATION OF A NOVEL LIPID TRANSFER PROTEIN FROM CARYOPSIS OF BARNYARD GRASS (ECHINOCHLOA CRUSGALLI)].
PRIKLADNAIA BIOKHIMIYA I MIKROBIOLOGIYA 45(4), - (2009)
- 121. ODINTSOVA, TI; ROGOZHIN, EA; BARANOV, Y; MUSOLYAMOV, AK; YALPANI, N; EGOROV, TA; GRISHIN, EV.**
SEED DEFENSINS OF BARNYARD GRASS ECHINOCHLOA CRUSGALLI (L.) BEAUV.
BIOCHIMIE 90(11-12), 1667-1673 (2008)
- 122. ANDREEV, YA; KOZLOV, SA; KOSHELEV, SG; IVANOVA, EA; MONASTYRNAYA, MM; KOZLOVSKAYA, EP; GRISHIN, EV.**
ANALGESIC COMPOUND FROM SEA ANEMONE HETERACTIS CRISPA IS THE FIRST POLYPEPTIDE INHIBITOR OF VANILLOID RECEPTOR 1 (TRPV1)
JOURNAL OF BIOLOGICAL CHEMISTRY 283(35), 23914-23921 (2008)
- 123. BILLEN, B; VASSILEVSKI, A; NIKOLSKY, A; TYTGAT, J; GRISHIN, E.**
TWO NOVEL SODIUM CHANNEL INHIBITORS FROM HERIAEUS MELLOTEEI SPIDER VENOM DIFFERENTIALLY INTERACTING WITH MAMMALIAN CHANNEL'S ISOFORMS
TOXICON 52(2), 309-317 (2008)
- 124. DANILEVICH, VN; PETROVSKAYA, LE; GRISHIN, EV.**
DNA NANO- AND MICROPARTICLES: NEW PRODUCTS OF POLYMERASE CHAIN REACTION
DOKLADY BIOCHEMISTRY AND BIOPHYSICS 421(1), 168-170 (2008)
- 125. SHLYAPNIKOV, YM; ANDREEV, YA; KOZLOV, SA; VASSILEVSKI, AA; GRISHIN, EV.**
BACTERIAL PRODUCTION OF LATARCIN 2A, A POTENT ANTIMICROBIAL PEPTIDE FROM SPIDER VENOM
PROTEIN EXPRESSION AND PURIFICATION 60(1), 89-95 (2008)

126. **ODINTSOVA, TI; KOROSTYLEVA, TV; ODINTSOVA, MS; PUKHALSKY, VA; GRISHIN, EV; EGOROV, TA.**
ANALYSIS OF TRITICUM BOEOTICUM AND TRITICUM URARTU SEED DEFENSINS: TO THE PROBLEM OF THE ORIGIN OF POLYPLOID WHEAT GENOMES
BIOCHIMIE 90(6), 939-946 (2008)
127. **DANILEVICH, VN; PETROVSKAYA, LE; GRISHIN, EV.**
A HIGHLY EFFICIENT PROCEDURE FOR THE EXTRACTION OF SOLUBLE PROTEINS FROM BACTERIAL CELLS WITH MILD CHAOTROPIC SOLUTIONS
CHEMICAL ENGINEERING & TECHNOLOGY 31(6), 904-910 (2008)
128. **VASSILEVSKI, AA; KOZLOV, SA; SAMSONOVA, OV; EGOROVA, NS; KARPUNIN, DV; PLUZHNIKOV, KA; FEOFANOV, AV; GRISHIN, EV.**
CYTO-INSECTOTOXINS, A NOVEL CLASS OF CYTOLYTIC AND INSECTICIDAL PEPTIDES FROM SPIDER VENOM
BIOCHEMICAL JOURNAL 411, 687-696 (2008)
129. **POLYANSKY, A.A.; VASSILIEVSKI, A.A.; VOLYNSKY, P.E.; VORONTOVA, O.V.; SAMSONOVA, O.V.; EGOROVA, N.S.; KYROLOV, N.A.; FEOFANOV, A.V.; ARSENIIEV, A.S.; GRISHIN, E.V.; EFREMOV, R.G..**
N-TERMINAL AMPHIPATIC HELIX AS A TRIGGER OF HAEMOLYTIC ACTIVITY IN ANTIMICROBIAL PEPTIDES: A CASE STUDY IN LATRACINS
FEBS LETT. 583, 2425 (2008)
130. **VASSILEVSKI, ALEXANDER A; KOZLOV, SERGEY A; GRISHIN, EUGENE V.**
ANTIMICROBIAL PEPTIDE PRECURSOR STRUCTURES SUGGEST EFFECTIVE PRODUCTION STRATEGIES.
RECENT PATENTS ON INFLAMMATION & ALLERGY DRUG DISCOVERY 2(1), - (2008)
131. **PLUZHNIKOV, K; VASSILEVSKI, A; KOROLKOVA, Y; FISYUNOV, A; IEGOROVA, O; KRISHTAL, O; GRISHIN, E.**
OMEGA-LSP-IA, A NOVEL MODULATOR OF P-TYPE CA²⁺ CHANNELS
TOXICON 50(7), 993-1004 (2007)
132. **SHATURSKY, OY; VOLKOVA, TM; HIMMELREICH, NH; GRISHIN, EV.**
THE GEOMETRY OF THE IONIC CHANNEL LUMEN FORMED BY ALPHA-LATROINSECTOTOXIN FROM BLACK WIDOW SPIDER VENOM IN THE BILAYER LIPID MEMBRANES
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES 1768(11), 2757-2763 (2007)
133. **GRISHIN, EV.**
THE EDITOR-IN-CHIEF OF THE JOURNAL BIOORGANICHESKAYA KHIMIYA VADIM TIKHONOVICH IVANOV IS 70
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 33(5), 447-448 (2007)
134. **GAO, JR; HAJENIUS, M; TICHELAAR, FD; KLAPWIJK, TM; VORONOV, B; GRISHIN, E; GOL'TSMAN, G; ZORMAN, CA; MEHREGANY, M.**
MONOCRYSTALLINE NBN NANOFILMS ON A 3C-SIC/SI SUBSTRATE
APPLIED PHYSICS LETTERS 91(6), - (2007)
135. **VASSILEVSKI, AA; KOZLOV, SA; ZHMAK, MN; KUDELINA, IA; DUBOVSKII, PV; SHATURSKY, OY; ARSENIIEV, AS; GRISHIN, EV.**
SYNTHETIC ANALOGUES OF ANTIMICROBIAL PEPTIDES FROM THE VENOM OF THE CENTRAL ASIAN SPIDER LACHESANA TARABAEVI
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 33(4), 376-382 (2007)
136. **TSENG, GN; SONAWANE, KD; KOROLKOVA, YV; ZHANG, M; LIU, J; GRISHIN, EV; GUY, HR.**
PROBING THE OUTER MOUTH STRUCTURE OF THE HERG CHANNEL WITH PEPTIDE TOXIN FOOTPRINTING AND MOLECULAR MODELING
BIOPHYSICAL JOURNAL 92(10), 3524-3540 (2007)
137. **ODINTSOVA, TI; EGOROV, TA; MUSOLYAMOV, AK; ODINTSOVA, MS; PUKHALSKY, VA; GRISHIN, EV.**

- SEED DEFENSINS FROM T-KIHARAE AND RELATED SPECIES: GENOME LOCALIZATION OF DEFENSIN-ENCODING GENES
BIOCHIMIE 89(5), 605-612 (2007)
138. **KOZLOV, SA; GRISHIN, EV.**
THE UNIVERSAL ALGORITHM OF MATURATION FOR SECRETORY AND EXCRETORY PROTEIN PRECURSORS
TOXICON 49(5), 721-726 (2007)
139. **SHATURSKY, OY; VOLKOVA, TM; ROMANENKO, OV; HIMMELREICH, NH; GRISHIN, EV.**
VITAMIN B-1 THIAZOLE DERIVATIVE REDUCES TRANSMEMBRANE CURRENT THROUGH IONIC CHANNELS FORMED BY TOXINS FROM BLACK WIDOW SPIDER VENOM AND SEA ANEMONE IN PLANAR PHOSPHOLIPID MEMBRANES
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES 1768(2), 207-217 (2007)
140. **DANILEVICH, VN; DUDA, VI; SUZINA, NE; GRISHIN, EV.**
OBTAINING AND CHARACTERIZATION OF DNA-CONTAINING MICROMUMMIES OF YEASTS AND GRAM-POSITIVE BACTERIA WITH ENHANCED CELL WALL PERMEABILITY: APPLICATION IN PCR
MICROBIOLOGY 76(1), 60-69 (2007)
141. **DANILEVICH, VN; PETROVSKAYA, LE; GRISHIN, EV.**
RAPID AND EFFICIENT EXTRACTION OF SOLUBLE PROTEINS FROM GRAM-NEGATIVE MICROORGANISMS WITHOUT DISRUPTION OF CELL WALLS
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 32(6), 521-528 (2006)
142. **PLUZHNIKOV, KA; BOCHAROV, DN; KONONOVA, NV; SUKHANOV, SV; BALASHOVA, TA; ARSENIIEV, AS; GRISHIN, EV.**
IDENTIFICATION AND STRUCTURAL ANALYSIS OF A GLYCOPHOSPHOLIPID COMPONENT FROM THE VENOM OF ANT PARAPONERA CLAVATA
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 32(5), 478-484 (2006)
143. **KOZLOV, SA; VASSILEVSKI, AA; FEOFANOV, AV; SUROVOY, AY; KARPUNIN, DV; GRISHIN, EV.**
LATARCINS, ANTIMICROBIAL AND CYTOLYTIC PEPTIDES FROM THE VENOM OF THE SPIDER LACHESANA TARABAEVI (ZODARIIDAE) THAT EXEMPLIFY BIOMOLECULAR DIVERSITY
JOURNAL OF BIOLOGICAL CHEMISTRY 281(30), 20983-20992 (2006)
144. **RESTANO-CASSULINI, R; KOROLKOVA, YV; DIOCHOT, S; GURROLA, G; GUASTI, L; POSSANI, LD; LAZDUNSKI, M; GRISHIN, EV; ARCANGELI, A; WANKE, E.**
SPECIES DIVERSITY AND PEPTIDE TOXINS BLOCKING SELECTIVITY OF ETHER-A-GO-GO-RELATED GENE SUBFAMILY K⁺ CHANNELS IN THE CENTRAL NERVOUS SYSTEM
MOLECULAR PHARMACOLOGY 69(5), 1673-1683 (2006)
145. **MENEZ, ANDRE; GILLET, DANIEL; GRISHIN, EUGENE; GILLET, DANIEL; JOHANNES, LUDGER.**
TOXINS: THREATS AND BENEFITS.
RECENT RESEARCH DEVELOPMENTS IN TOXINS FROM BACTERIA AND OTHER ORGANISMS. , 1 (2006)
146. **DANILEVICH, V N; PETROVSKAIA, L E; GRISHIN, E V.**
[RAPID AND EFFICIENT EXTRACTION OF SOLUBLE PROTEINS FROM GRAM-NEGATIVE MICROORGANISMS WITHOUT DISRUPTION OF CELL WALLS].
BIOORGANICHESKAIA KHIMIJA 32(6), - (2006)
147. **PLUZHNIKOV, K A; BOCHAROV, D N; KONONOVA, N V; SUKHANOV, S V; BALASHOVA, T A; ARSEN'EV, A S; GRISHIN, E V.**
[IDENTIFICATION AND STRUCTURAL ANALYSIS OF A GLYCOPHOSPHOLIPID COMPONENT FROM THE VENOM OF ANT PARAPONERA CLAVATA].
BIOORGANICHESKAIA KHIMIJA 32(5), - (2006)
148. **JIANG, M; ZHANG, M; MASLENNIKOV, IV; LIU, J; WU, DM; KOROLKOVA, YV; ARSENIIEV, AS; GRISHIN, EV; TSENG, GN.**

- DYNAMIC CONFORMATIONAL CHANGES OF EXTRACELLULAR S5-P LINKERS
IN THE HERG CHANNEL
JOURNAL OF PHYSIOLOGY-LONDON 569(1), 75-89 (2005)
149. **KOZLOV, S; GRISHIN, E.**
CLASSIFICATION OF SPIDER NEUROTOXINS USING STRUCTURAL MOTIFS BY
PRIMARY STRUCTURE FEATURES. SINGLE RESIDUE DISTRIBUTION ANALYSIS
AND PATTERN ANALYSIS TECHNIQUES
TOXICON 46(6), 672-686 (2005)
150. **EGOROV, TA; ODINTSOVA, TI; PUKHALSKY, VA; GRISHIN, EV.**
DIVERSITY OF WHEAT ANTI-MICROBIAL PEPTIDES
PEPTIDES 26(11), 2064-2073 (2005)
151. **LIPKIN, A; ANISIMOVA, V; NIKONOROVA, A; BABAKOV, A; KRAUSE,
E; BIENERT, M; GRISHIN, E; EGOROV, T.**
AN ANTIMICROBIAL PEPTIDE AR-AMP FROM AMARANTH (AMARANTHUS
RETROFLEXUS L.) SEEDS
PHYTOCHEMISTRY 66(20), 2426-2431 (2005)
152. **RUBINA, AY; DYUKOVA, VI; DEMENTIEVA, EI; STOMAKHIN, AA;
NESMEYANOV, VA; GRISHIN, EV; ZASEDATELEV, AS.**
QUANTITATIVE IMMUNOASSAY OF BIOTOXINS ON HYDROGEL-BASED
PROTEIN MICROCHIPS
ANALYTICAL BIOCHEMISTRY 340(2), 317-329 (2005)
153. **KOZLOV, S; MALYAVKA, K; MCCUTCHEN, B; LU, A; SCHEPERS, E;
HERRMANN, R; GRISHIN, E.**
A NOVEL STRATEGY FOR THE IDENTIFICATION OF TOXINLIKE STRUCTURES
IN SPIDER VENOM
PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS 59(1), 131-140 (2005)
154. **ANDREEV, YA; DANILEVICH, VN; GRISHIN, EV.**
ALTERNATIVE SPLICING OF PRE-MRNA ENCODING THE MUSCA DOMESTICA
LATROPHILIN-LIKE PROTEIN: PRIMARY STRUCTURES OF FOUR SPLICED
FORMS OF MRNA AND THEIR PROTEIN PRODUCTS
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 31(2), 160-169 (2005)
155. **FISYUNOV, A; PLUZHNIKOV, K; MOLYAVKA, A; GRISHIN, E;
LOZOVAYA, N; KRISHTAL, O.**
NOVEL SPIDER TOXIN SLOWS DOWN THE ACTIVATION KINETICS OF P-TYPE
CA²⁺ CHANNELS IN PURKINJE NEURONS OF RAT
TOXICOLOGY 207(1), 129-136 (2005)
156. **ANDREEV, IA A; DANILEVICH, V N; GRISHIN, E V.**
[ALTERNATIVE SPLICING OF PRE-MRNA ENCODING THE MUSCA DOMESTICA
LATROPHILIN-LIKE PROTEIN(LLP): PRIMARY STRUCTURES OF FOUR SPLICED
FORMS OF MRNA AND THEIR PROTEIN PRODUCTS].
BIOORGANICHESKAIA KHIMIYA 31(2), - (2005)
157. **SHATURSKY, OY; VOLKOVA, TM; GRISHIN, EV.**
INTERACTION OF DELTA-LATROINSECTOTOXIN FROM BLACK WIDOW SPIDER
VENOM WITH THE PLANE PHOSPHOLIPID MEMBRANE
BIOLOGICHESKIE MEMBRANY 21(4), 333-342 (2004)
158. **KOROLKOVA, YV; TSENG, GN; GRISHIN, EV.**
UNIQUE INTERACTION OF SCORPION TOXINS WITH THE HERG CHANNEL
JOURNAL OF MOLECULAR RECOGNITION 17(3), 209-217 (2004)
159. **BUDNIK, BA; OLSEN, JV; EGOROV, TA; ANISIMOVA, VE; GALKINA,
TG; MUSOLYAMOV, AK; GRISHIN, EV; ZUBAREV, RA.**
DE NOVO SEQUENCING OF ANTIMICROBIAL PEPTIDES ISOLATED FROM THE
VENOM GLANDS OF THE WOLF SPIDER LYCOSA SINGORIENSIS
JOURNAL OF MASS SPECTROMETRY 39(2), 193-201 (2004)
160. **FITCHES, E; EDWARDS, MG; MEE, C; GRISHIN, E; GATEHOUSE, AMR;
EDWARDS, JP; GATEHOUSE, JA.**
FUSION PROTEINS CONTAINING INSECT-SPECIFIC TOXINS AS PEST CONTROL

- AGENTS: SNOWDROP LECTIN DELIVERS FUSED INSECTICIDAL SPIDER VENOM TOXIN TO INSECT HAEMOLYMPH FOLLOWING ORAL INGESTION
JOURNAL OF INSECT PHYSIOLOGY 50(1), 61-71 (2004)
161. **JIANG, M; ZHANG, M; LIU, J; MASLENNIKOV, I; KOROLKOVA, YV; ARSENIIEV, AS; GRISHIN, EV; SONAWANE, K; GUY, HR; TSENG, GN.**
PROBING DYNAMIC INTERACTIONS BETWEEN EXTRACELLULAR S5-P LINKER AND OTHER DOMAINS OF THE HERG CHANNEL USING DISULFIDE FORMATION
BIOPHYSICAL JOURNAL 86(1), 278A-278A (2004)
162. **EGOROV, TS A; GALKINA, T G; BALASHOVA, T A; ARSEN'EV, A S; NIKONOROVA, A K; BABAKOV, A V; GRISHIN, E V.**
PHENOLIC GLYCOSIDE ISOLATED FROM SEEDS OF THE GREATER PLANTAIN (PLANTAGO MAJOR L.).
DOKLADY. BIOCHEMISTRY AND BIOPHYSICS 396, - (2004)
163. **GRISHIN, EV; KOROLKOVA, YV; TSENG, GN.**
FUNCTIONAL PROBING OF THE HERG CHANNEL
JOURNAL OF NEUROCHEMISTRY 87, 84-84 (2003)
164. **ANGELO, K; KOROLKOVA, YV; GRUNNET, M; GRISHIN, EV; PLUZHNIKOV, KA; KLAERKE, DA; KNAUS, HG; MOLLER, M; OLESEN, SP.**
A RADIOLABELED PEPTIDE LIGAND OF THE HERG CHANNEL, [I-125]-BEKM-1 PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY 447(1), 55-63 (2003)
165. **ZHANG, M; KOROLKOVA, YV; LIU, J; JIANG, M; GRISHIN, EV; TSENG, GN.**
BEKM-1 IS A HERG-SPECIFIC TOXIN THAT SHARES THE STRUCTURE WITH CHTX BUT THE MECHANISM OF ACTION WITH ERGTX1
BIOPHYSICAL JOURNAL 84(5), 3022-3036 (2003)
166. **KOROLKOVA, Y; ZHANG, M; LIU, J; JIANG, M; GRISHIN, E; ARSENIIEV, A; KELLOGG, G; GUY, HR; TSENG, GN.**
PROBING THE UNIQUE STRUCTURE OF HERG'S OUTER VESTIBULE USING MUTANT CYCLE ANALYSIS.
BIOPHYSICAL JOURNAL 84(2), 8A-8A (2003)
167. **KOROLKOVA, Y.V.; ZHANG, M.; GRISHIN, E.; TSENG, G.N; LIU, J.; JIANG, M.; KELLOGG, G.**
PROBING THE OUTER VESTIBULE STRUCTURE OF THE H ERG CHANNEL USING THE MUTANT CYCLE ANALYSIS WITH RECOMBINANT PEPTIDE TOXINS
BIOPHYS. J. , 84 (2003)
168. **KOROLKOVA, YV; BOCHAROV, EV; ANGELO, K; MASLENNIKOV, IV; GRINENKO, OV; LIPKIN, AV; NOSYREVA, ED; PLUZHNIKOV, KA; OLESEN, SP; ARSENIIEV, AS; GRISHIN, EV.**
NEW BINDING SITE ON COMMON MOLECULAR SCAFFOLD PROVIDES HERG CHANNEL SPECIFICITY OF SCORPION TOXIN BEKM-1
JOURNAL OF BIOLOGICAL CHEMISTRY 277(45), 43104-43109 (2002)
169. **ZHANG, M; KOROLKOVA, YV; LIU, J; JIANG, M; GRISHIN, EV; TSENG, GN.**
UNIQUE OUTER VESTIBULE STRUCTURE OF THE HERG CHANNEL REVEALED BY HIGHLY SPECIFIC SCORPION PEPTIDE TOXINS
CIRCULATION 106(19), 226-226 (2002)
170. **DANILEVICH, VN; GRISHIN, EV.**
A NEW APPROACH TO THE ISOLATION OF GENOMIC DNA FROM YEAST AND FUNGI: PREPARATION OF DNA-CONTAINING CELL ENVELOPES AND THEIR USE IN PCR
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY 28(2), 136-146 (2002)
171. **LIPKIN, A; KOZLOV, S; NOSYREVA, E; BLAKE, A; WINDASS, JD; GRISHIN, E.**
NOVEL INSECTICIDAL TOXINS FROM THE VENOM OF THE SPIDER SEGESTRIA

- FLORENTINA
TOXICON 40(2), 125-130 (2002)
- 172. ANGELO, K; OLESEN, SP; KOROLKOVA, Y; GRINENKO, O; MASLENNIKOV, I; BOCHAROV, E; PLUZHNIKOV, K; GRISHIN, E; ARSENIIEV, A.**
SOLUTION STRUCTURE AND INTERACTION SITE OF THE HERG-BLOCKING TOXIN, BEKM-1
BIOPHYSICAL JOURNAL 82(1), 580A-580A (2002)
- 173. DANILEVICH, V N; GRISHIN, E V.**
[A NEW APPROACH TO THE ISOLATION OF GENOMIC DNA SAMPLES FROM YEAST AND FUNGI: PREPARATION OF DNA-CONTAINING CELL ENVELOPES AND THEIR USE IN PCR].
BIOORGANICHESKAIA KHIMIYA 28(2), - (2002)
- 174. GRISHIN, EV; VOLKOVA, TM; KOROLKOVA, YV; PLUZHNIKOV, KA.**
MOLECULAR DIVERSITY AND SPECIFICITY OF ARTHROPOD TOXINS BIODIVERSITY: BIOMOLECULAR ASPECTS OF BIODIVERSITY AND INNOVATIVE UTILIZATION , 161-167 (2002)
- 175. DUDINA, EE; KOROLKOVA, YV; BOCHAROVA, NE; KOSHELEV, SG; EGOROV, TA; HUYS, I; TYTGAT, J; GRISHIN, EV.**
OSK2, A NEW SELECTIVE INHIBITOR OF KV1.2 POTASSIUM CHANNELS PURIFIED FROM THE VENOM OF THE SCORPION ORTHOCHIRUS SCROBICULOSUS
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 286(5), 841-847 (2001)
- 176. KOROLKOVA, YV; KOZLOV, SA; LIPKIN, AV; PLUZHNIKOV, KA; HADLEY, JK; FILIPPOV, AK; BROWN, DA; ANGELO, K; STROBAEK, D; JESPERSEN, T; OLESEN, SP; JENSEN, BS; GRISHIN, EV.**
AN ERG CHANNEL INHIBITOR FROM THE SCORPION BUTHUS EUPEUS
JOURNAL OF BIOLOGICAL CHEMISTRY 276(13), 9868-9876 (2001)
- 177. VOLYNSKI, KE; MEUNIER, FA; LELIANOVA, VG; DUDINA, EE; VOLKOVA, TM; RAHMAN, MA; MANSER, C; GRISHIN, EV; DOLLY, JO; ASHLEY, RH; USHKARYOV, YA.**
LATROPHILIN, NEUREXIN, AND THEIR SIGNALING-DEFICIENT MUTANTS FACILITATE ALPHA-LATROTOXIN INSERTION INTO MEMBRANES BUT ARE NOT INVOLVED IN PORE FORMATION
JOURNAL OF BIOLOGICAL CHEMISTRY 275(52), 41175-41183 (2000)
- 178. DANILEVICH, VN; GRISHIN, EV.**
THE GENES ENCODING BLACK WIDOW SPIDER NEUROTOXINS ARE INTRONLESS
BIOORGANICHESKAYA KHIMIYA 26(12), 933-939 (2000)
- 179. ASHTON, AC; RAHMAN, MA; VOLYNSKI, KE; MANSER, C; ORLOVA, EV; MATSUSHITA, H; DAVLETOV, BA; VAN HEEL, M; GRISHIN, EV; USHKARYOV, YA.**
TETRAMERISATION OF ALPHA-LATROTOXIN BY DIVALENT CATIONS IS RESPONSIBLE FOR TOXIN-INDUCED NON-VESICULAR RELEASE AND CONTRIBUTES TO THE CA²⁺-DEPENDENT VESICULAR EXOCYTOSIS FROM SYNAPTOSOMES
BIOCHIMIE 82(5), 453-468 (2000)
- 180. LAZAREVA, VD; BOCHAROVA, NE; VOLYNSKII, KE; VOLKOVA, TM; GRISHIN, EV.**
RECOGNITION SITES OF MONOCLONAL ANTIBODIES A4 AND A24 IN THE ALPHA-LATROTOXIN MOLECULE
BIOORGANICHESKAYA KHIMIYA 26(4), 299-305 (2000)
- 181. KOZLOV, S; LIPKIN, A; NOSYREVA, E; BLAKE, A; WINDASS, JD; GRISHIN, E.**
PURIFICATION AND CDNA CLONING OF AN INSECTICIDAL PROTEIN FROM

THE VENOM OF THE SCORPION ORTHOCHIRUS SCROBICULOSUS
TOXICON 38(3), 361-371 (2000)

- 182. MIKHEEVA, I B; TIRAS, N R; MOSHKOV, D A; PASHKOV, V I; GRISHIN, E V.**
[DESMOSOME-LIKE CONTACTS OF MAUTHNER NEURONS AS TARGETS OF SCORPION VENOM].
TSITOLOGIJA 42(7), - (2000)
- 183. IVANOV, VT; GRISHIN, EV.**
INSTITUTE OF BIOORGANIC CHEMISTRY IS 40 YEARS
BIOORGANICHESKAYA KHIMIYA 25(11), 804-804 (1999)
- 184. GRISHIN, E.**
POLYPEPTIDE NEUROTOXINS FROM SPIDER VENOMS
EUROPEAN JOURNAL OF BIOCHEMISTRY 264(2), 276-280 (1999)
- 185. TIRAS, NR; MIKHEEVA, IB; PAKHOTIN, PI; MOSHKOV, DA; PASHKOV, VI; GRISHIN, EV.**
THE VENOM OF THE SCORPION CONTAINS FRACTION AFFECTING THE NEURONAL CYTOSKELETON
DOKLADY AKADEMII NAUK 368(3), 416-419 (1999)
- 186. DANILEVICH, VN; LUKYANOV, SA; GRISHIN, EV.**
CLONING AND STRUCTURE DETERMINATION OF THE ALPHA-LATROCRUSTOXIN GENE FROM THE BLACK WIDOW SPIDER VENOM
BIOORGANICHESKAYA KHIMIYA 25(7), 537-547 (1999)
- 187. PLUZHNIKOV, K; NOSYREVA, E; SHEVCHENKO, L; KOKOZ, Y; SCHMALZ, D; HUCHO, F; GRISHIN, E.**
ANALYSIS OF ECTATOMIN ACTION ON CELL MEMBRANES
EUROPEAN JOURNAL OF BIOCHEMISTRY 262(2), 501-506 (1999)
- 188. LIPKIN, AV; GRISHIN, EV.**
STRUCTURAL VARIABILITY OF NEUROTOXINS OF ORTHOCHIRUS SCROBICULOSUS SCORPIONS FROM DIFFERENT NATURAL HABITATS
BIOORGANICHESKAYA KHIMIYA 25(5), 341-347 (1999)
- 189. VOLYNSKI, KE; NOSYREVA, ED; USHKARYOV, YA; GRISHIN, EV.**
FUNCTIONAL EXPRESSION OF ALPHA-LATROTOXIN IN BACULOVIRUS SYSTEM
FEBS LETTERS 442(1), 25-28 (1999)
- 190. VOLYNSKII, KE; VOLKOVA, TM; GALKINA, TG; KRASNOPEROV, VG; PLUZHNIKOV, KA; KHVOSHCHEV, MV; GRISHIN, EV.**
CLONING AND SEQUENCING OF A FRAGMENT OF THE CDNA FOR ALPHA-LATROCRUSTOTOXIN FROM BLACK WIDOW SPIDER VENOM
BIOORGANICHESKAYA KHIMIYA 25(1), 25-30 (1999)
- 191. TIRAS, NR; MIKHEEVA, IB; MOSHKOV, DA; PASHKOV, VN; GRISHIN, EV.**
MAUTHNER NEURON OF FISH AS A TEST-OBJECT FOR SCREENING OF THE ARTHROPODA VENOMS
DOKLADY AKADEMII NAUK 364(1), 123-125 (1999)
- 192. DANILEVICH, VN; GRISHIN, EV.**
THE GENE STRUCTURE OF THE ALPHA-LATROCRUSTATOXIN FROM THE BLACK WIDOW SPIDER VENOM
JOURNAL OF NEUROCHEMISTRY 73, S118-S118 (1999)
- 193. KOROLKOVA, YV; LIPKIN, AV; PLUZHNIKOV, KA; FILIPPOV, AK; BROWN, DA; GRISHIN, EV.**
M-TYPE K⁺ CURRENT INHIBITOR FROM SCORPION BUTHUS EUREUS: SITE-DIRECTED MUTAGENESIS.
JOURNAL OF NEUROCHEMISTRY 73, S129-S129 (1999)
- 194. PLUZHNIKOV, KA; NOSYREVA, ED; SHEVCHENKO, LV; SCHMALZ, D; HUCHO, F; GRISHIN, EV.**

- THE EFFECT OF ANT VENOM TOXINS ON CELL MEMBRANES
JOURNAL OF NEUROCHEMISTRY 73, S131-S131 (1999)
195. **MOSCHAROVA, IV; PERESTENKO, PV; VOLKOVA, TM; GRISHIN, EV.**
STUDY OF GLUTAMATE RECEPTORS GENE EXPRESSION IN LOCUSTS
JOURNAL OF NEUROCHEMISTRY 73, S146-S146 (1999)
196. **KOZLOV, SA; LIPKIN, AV; NOSYREVA, ED; GRISHIN, EV.**
PURIFICATION AND CDNA CLONING OF NOVEL INSECTICIDAL TOXIN FROM
THE VENOM OF THE SCORPION ORTHOCHIRUS SCROBICULOSUS.
JOURNAL OF NEUROCHEMISTRY 73, S184-S184 (1999)
197. **NOSYREVA, ED; PLUZHNIKOV, KA; SHEVCHENKO, LV; GRISHIN, EV.**
INHIBITION OF CALCIUM CURRENTS BY ANT TOXIN - ECTATOMIN.
BIOPHYSICAL JOURNAL 76(1), A206-A206 (1999)
198. **TIRAS, N R; MIKHEEVA, I B; MOSHKOV, D A; PASHKOV, V N;
GRISHIN, E V.**
CENTRAL ASIAN BLACK SCORPION VENOM PROTECTS MAUTHNER NEURONS
FROM DAMAGE DUE TO PROLONGED STIMULATION.
NEUROSCIENCE AND BEHAVIORAL PHYSIOLOGY 29(3), - (1999)
199. **PERESTENKO, PV; MOSCHAROVA, IV; VOLKOVA, TM; GRISHIN, EV.**
ISOLATION AND CHARACTERIZATION OF IONOTROPIC GLUTAMATE
RECEPTORS FROM LOCUST MUSCLES
BIOORGANICHESKAYA KHIMIYA 24(12), 926-929 (1998)
200. **GRISHIN, EV.**
BLACK WIDOW SPIDER TOXINS: THE PRESENT AND THE FUTURE
TOXICON 36(11), 1693-1701 (1998)
201. **SOLOVIEV, MM; ABUTIDZE, K; MELLOR, I; STREIT, P; GRISHIN, EV;
USHERWOOD, PN; BARNARD, EA.**
PLASTICITY OF AGONIST BINDING SITES IN HETERO-OLIGOMERS OF THE
UNITARY GLUTAMATE RECEPTOR SUBUNIT XENU1
JOURNAL OF NEUROCHEMISTRY 71(3), 991-1001 (1998)
202. **KOROLKOVA, YV; LIPKIN, HV; KOZLOV, SA; PLUZHNIKOV, KA;
GRISHIN, EV.**
M-TYPE K+ CURRENT INHIBITOR FROM SCORPION BUTHUS EUREUS:
CLONING AND EXPRESSION.
JOURNAL OF NEUROCHEMISTRY 71, S67-S67 (1998)
203. **TIRAS, N R; MIKHEEVA, I B; MOSHKOV, D A; PASHKOV, V N;
GRISHIN, E V.**
[CENTRAL ASIATIC BLACK SCORPION VENOM PROTECT MAUTHNER
NEURONS FROM THE DAMAGING ACTION OF PROLONGED STIMULATION].
MORFOLOGIJA (SAINT PETERSBURG, RUSSIA) 113(1), - (1998)
204. **ESIPOV, RS; GUREVICH, AI; KAYUSHIN, AL; KOROSTELEVA, MD;
MIROSHNIKOV, AI; SHEVCHENKO, LV; PLUZHNIKOV, KA; GRISHIN, EV.**
RECOMBINANT PROTEINS CONTAINING AMINO ACID SEQUENCES OF TWO
ECTATOMIN CHAINS
BIOORGANICHESKAYA KHIMIYA 23(12), 949-952 (1997)
205. **LELIANOVA, VG; DAVLETOV, BA; STERLING, A; RAHMAN, MA;
GRISHIN, EV; TOTTY, NF; USHKARYOV, YA.**
ALPHA-LATROTOXIN RECEPTOR, LATROPHILIN, IS A NOVEL MEMBER OF THE
SECRETIN FAMILY OF G PROTEIN-COUPLED RECEPTORS
JOURNAL OF BIOLOGICAL CHEMISTRY 272(34), 21504-21508 (1997)
206. **CHARAJA, AR; SHEVCHENKO, LV; MOLODKIN, AK; PLUZHNIKOV,
KA; VOLKOVA, TM; GRISHIN, EV.**
MAIN TOXIC COMPONENTS FROM LATRODECTUS PALLIDUS VENOM:
ISOLATION AND PARTIAL STRUCTURAL CHARACTERIZATION
BIOORGANICHESKAYA KHIMIYA 23(3), 163-167 (1997)
207. **JARAVINE, VA; NOLDE, DE; REIBARKH, MJ; KOROLKOVA, YV;
KOZLOV, SA; PLUZHNIKOV, KA; GRISHIN, EV; ARSENIIEV, AS.**

- THREE-DIMENSIONAL STRUCTURE OF TOXIN OSK1 FROM ORTHOCHIRUS SCROBICULOSUS SCORPION VENOM
BIOCHEMISTRY 36(6), 1223-1232 (1997)
208. **SOLOVIEV, MM; BRIERLEY, MJ; SHAO, ZY; MELLOR, IR; VOLKOVA, TM; KAMBOJ, R; ISHIMARU, H; SUDAN, H; HARRIS, J; FOLDES, RL; GRISHIN, EV; USHERWOOD, PNR; BARNARD, EA.**
FUNCTIONAL EXPRESSION OF A RECOMBINANT UNITARY GLUTAMATE RECEPTOR FROM XENOPUS, WHICH CONTAINS N-METHYL-D-ASPARTATE (NMDA) AND NON-NMDA RECEPTOR SUBUNITS
JOURNAL OF BIOLOGICAL CHEMISTRY 271(51), 32572-32579 (1996)
209. **GRISHIN, EV; KOROLKOVA, YV; KOZLOV, SA; LIPKIN, AV; NOSYREVA, ED; PLUZHNIKOV, KA; SUKHANOV, SV; VOLKOVA, TM.**
STRUCTURE AND FUNCTION OF THE POTASSIUM CHANNEL INHIBITOR FROM BLACK SCORPION VENOM
PURE AND APPLIED CHEMISTRY 68(11), 2105-2109 (1996)
210. **DAVLETOV, BA; SHAMOTIENKO, OG; LELIANOVA, VG; GRISHIN, EV; USHKARYOV, YA.**
ISOLATION AND BIOCHEMICAL CHARACTERIZATION OF A CA²⁺-INDEPENDENT ALPHA-LATROTOXIN-BINDING PROTEIN
JOURNAL OF BIOLOGICAL CHEMISTRY 271(38), 23239-23245 (1996)
211. **SOLOVEV, MM; BARNARD, EA; GRISHIN, EV.**
A NEW TYPE OF INOTROPIC GLUTAMATE RECEPTORS
BIOORGANICHESKAYA KHIMIYA 22(6), 468-471 (1996)
212. **PASHKOV, VN; TSYURYUPA, GP; GRICO, NB; BULGAKOV, OV; RUDENKO, NV; YAKHNINA, EB; GRISHIN, EV.**
ANTI-IDIOTYPIC MONOCLONAL ANTIBODIES AGAINST LATROTOXIN INTERACT WITH RAT BRAIN SYNAPTOSOMES AND MODIFY LATROTOXIN-INDUCED INFLUX OF CALCIUM INTO SYNAPTOSOMES
BIOORGANICHESKAYA KHIMIYA 22(6), 403-407 (1996)
213. **FILIPPOV, AK; KOZLOV, SA; PLUZHNIKOV, KA; GRISHIN, EV; BROWN, DA.**
M-TYPE K⁺ CURRENT INHIBITION BY A TOXIN FROM THE SCORPION BUTHUS EUPEUS
FEBS LETTERS 384(3), 277-280 (1996)
214. **DULUBOVA, IE; KRASNOPEROV, VG; KHVOTCHEV, MV; PLUZHNIKOV, KA; VOLKOVA, TM; GRISHIN, EV; VAIS, H; BELL, DR; USHERWOOD, PNR.**
CLONING AND STRUCTURE OF DELTA-LATROINSECTOTOXIN, A NOVEL INSECT-SPECIFIC MEMBER OF THE LATROTOXIN FAMILY - FUNCTIONAL EXPRESSION REQUIRES C-TERMINAL TRUNCATION
JOURNAL OF BIOLOGICAL CHEMISTRY 271(13), 7535-7543 (1996)
215. **DULUBOVA, IE; KHVOSHCHIEV, MV; KRASNOPEROV, VG; GALKINA, TG; PLUZHNIKOV, KA; VOLKOVA, TM; GRISHIN, EV.**
THE PRIMARY STRUCTURE OF DELTA-LATROINSECTOTOXIN FROM THE LATRODECTUS MACTANS TREDECIMGUTTATUS VENOM
BIOORGANICHESKAYA KHIMIYA 22(1), 68-73 (1996)
216. **GRISHIN, EV.**
NEUROTOXIN FROM BLACK WIDOW SPIDER VENOM - STRUCTURE AND FUNCTION
NATURAL TOXINS 2: STRUCTURE, MECHANISM OF ACTION, AND DETECTION 391, 231-236 (1996)
217. **ZAITSEVA, LG; ZAITSEV, VG; FENYUK, BA; PAVLOV, PF; VILENSKAYA, ND; OVCHINNIKOVA, TV; PLUZHNIKOV, KA; GRISHIN, EV; GRINKEVICH, VA.**
PROTEIN-COMPONENTS OF TROPICAL ANT VENOMS AND THEIR EFFECT ON

- MITOCHONDRIAL H⁺-ATPASE
BIOORGANICHESKAYA KHIMIYA 21(8), 563-570 (1995)
- 218. KIYATKIN, NI; KULIKOVSKAYA, IM; GRISHIN, EV; BEADLE, DJ; KING, LA.**
FUNCTIONAL-CHARACTERIZATION OF BLACK-WIDOW SPIDER NEUROTOXINS SYNTHESIZED IN INSECT CELLS
EUROPEAN JOURNAL OF BIOCHEMISTRY 230(3), 854-859 (1995)
- 219. GRISHIN, EV.**
NEUROTOXIN FROM BLACK-WIDOW SPIDER VENOM - STRUCTURE AND FUNCTION
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 209, 67-AGFD (1995)
- 220. VOLKOVA, TM; PLUZHNIKOV, KA; WOLL, PG; GRISHIN, EV.**
LOW-MOLECULAR-WEIGHT COMPONENTS FROM BLACK-WIDOW SPIDER VENOM
TOXICON 33(4), 483-489 (1995)
- 221. SHATURSKY, OY; PASHKOV, VN; BULGACOV, OV; GRISHIN, EV.**
INTERACTION OF ALPHA-LATROINSECTOTOXIN FROM LATRODECTUS MACTANS VENOM WITH BILAYER-LIPID MEMBRANES
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES 1233(1), 14-20 (1995)
- 222. NOLDE, DE; SOBOL, AG; PLUZHNIKOV, KA; GRISHIN, EV; ARSENIIEV, AS.**
3-DIMENSIONAL STRUCTURE OF ECTATOMIN FROM ECTATOMMA-TUBERCULATUM ANT VENOM
JOURNAL OF BIOMOLECULAR NMR 5(1), 1-13 (1995)
- 223. STORCHAK, LG; PASHKOV, VN; POZDNYAKOVA, NG; HIMMELREICH, NH; GRISHIN, EV.**
ALPHA-LATROTOXIN-STIMULATED GABA RELEASE CAN OCCUR IN CA²⁺-FREE, NA⁺-FREE MEDIUM
FEBS LETTERS 351(2), 267-270 (1994)
- 224. GASPARINI, S; KIYATKIN, N; DREVET, P; BOULAIN, JC; TACNET, F; RIPOCHE, P; FOREST, E; GRISHIN, E; MENEZ, A.**
THE LOW-MOLECULAR-WEIGHT PROTEIN WHICH COPURIFIES WITH ALPHA-LATROTOXIN IS STRUCTURALLY RELATED TO CRUSTACEAN HYPERGLYCEMIC HORMONES
JOURNAL OF BIOLOGICAL CHEMISTRY 269(31), 19803-19809 (1994)
- 225. PLUZHNIKOV, KA; NOLDE, DE; TERTISHNIKOVA, SM; SUKHANOV, SV; SOBOL, AG; TORGOV, MY; FILIPPOV, AK; ARSENIIEV, AS; GRISHIN, EV.**
STRUCTURAL AND FUNCTIONAL-STUDIES OF TOXIC PRINCIPLE OF ECTATOMMA-TUBERCULATUM ANT VENOM
BIOORGANICHESKAYA KHIMIYA 20(8-9), 857-871 (1994)
- 226. FILIPPOV, AK; TERTISHNIKOVA, SM; ALEKSEEV, AE; TSURUPA, GP; PASHKOV, VN; GRISHIN, EV.**
MECHANISM OF ALPHA-LATROTOXIN ACTION AS REVEALED BY PATCH-CLAMP EXPERIMENTS ON XENOPUS-OOCYTES INJECTED WITH RAT-BRAIN MESSENGER-RNA
NEUROSCIENCE 61(1), 179-189 (1994)
- 227. ARSENIIEV, AS; PLUZHNIKOV, KA; NOLDE, DE; SOBOL, AG; TORGOV, MY; SUKHANOV, SV; GRISHIN, EV.**
TOXIC PRINCIPLE OF SELVA ANT VENOM IS A PORE-FORMING PROTEIN TRANSFORMER
FEBS LETTERS 347(2-3), 112-116 (1994)
- 228. GRISHIN, E.**
SPIDER NEUROTOXINS AND THEIR NEURONAL RECEPTORS
PURE AND APPLIED CHEMISTRY 66(4), 783-790 (1994)

229. **GRISHIN, EV; HIMMELREICH, NH; PLUZHNIKOV, KA; POZDNYAKOVA, NG; STORCHAK, LG; VOLKOVA, TM; WOLL, PG.**
MODULATION OF FUNCTIONAL ACTIVITIES OF THE NEUROTOXIN FROM BLACK-WIDOW SPIDER VENOM
FEBS LETTERS 336(2), 205-207 (1993)
230. **PASHKOV, V; GRICO, N; TSURUPA, G; STORCHAK, L; SHATURSKY, O; HIMMELREICH, N; GRISHIN, E.**
MONOCLONAL-ANTIBODIES CAN UNCOUPLE THE MAIN ALPHA-LATROTOXIN EFFECTS - TOXIN-INDUCED CA-2+ INFLUX AND STIMULATED NEUROTRANSMITTER RELEASE
NEUROSCIENCE 56(3), 695-701 (1993)
231. **OCONNOR, VM; SHAMOTIENKO, O; GRISHIN, E; BETZ, H.**
ON THE STRUCTURE OF THE SYNAPTOSECRETOSOME - EVIDENCE FOR A NEUREXIN SYNAPTOTAGMIN SYNTAXIN CA-2+ CHANNEL COMPLEX
FEBS LETTERS 326(1-3), 255-260 (1993)
232. **KIYATKIN, N; DULUBOVA, I; GRISHIN, E.**
CLONING AND STRUCTURAL-ANALYSIS OF ALPHA-LATROINSECTOTOXIN CDNA - ABUNDANCE OF ANKYRIN-LIKE REPEATS
EUROPEAN JOURNAL OF BIOCHEMISTRY 213(1), 121-127 (1993)
233. **DAVIES, MS; BAGANOFF, MP; GRISHIN, EV; LANTHORN, TH; VOLKOVA, TM; WATSON, GB; WIEGAND, RC.**
POLYAMINE SPIDER TOXINS ARE POTENT UN-COMPETITIVE ANTAGONISTS OF RAT CORTEX EXCITATORY AMINO-ACID RECEPTORS
EUROPEAN JOURNAL OF PHARMACOLOGY-MOLECULAR PHARMACOLOGY SECTION 227(1), 51-56 (1992)
234. **KIYATKIN, N; DULUBOVA, I; CHEKHOVSKAYA, I; LIPKIN, A; GRISHIN, E.**
STRUCTURE OF THE LOW-MOLECULAR-WEIGHT PROTEIN COPURIFIED WITH ALPHA-LATROTOXIN
TOXICON 30(7), 771-774 (1992)
235. **BULGAKOV, OV; VOLKOVA, TM; GALKINA, TG; PASHKOV, VN; PLUZHNIKOV, KA; GRISHIN, EV.**
STUDY OF THE AMINO-ACID-SEQUENCE OF THE BLACK-WIDOW SPIDER VENOM LATROINSECTOTOXIN
BIOORGANICHESKAYA KHIMIYA 18(6), 871-874 (1992)
236. **ZHUKAREVA, VA; SHATURSKY, OY; LISHKO, VK; MALYSHEVA, MK; TERLETSKAYA, YT; TSYGANKOVA, OM; GRISHIN, EV.**
LATROTOXIN-LIKE PROPERTIES OF A PROTEIN FROM BRAIN
FEBS LETTERS 300(3), 219-221 (1992)
237. **PASHKOV, VN; KOVALEVSKAYA, GI; GRIKO, NB; BULGAKOV, OV; YAHNINA, EB; NIKOLISHINA, EV; STORCHAK, LG; SHATURSKY, OY; HIMMELREICH, NG; GRISHIN, EV.**
IMMUNOCHEMICAL AND FUNCTIONAL-STUDIES OF LATROTOXIN
BIOORGANICHESKAYA KHIMIYA 18(3), 383-390 (1992)
238. **BURMISTROV, YM; SHURANOVA, ZP; SHAMOTIENKO, OG; KRASNOPEROV, VG; GRISHIN, EV.**
A STUDY OF THE ACTION OF ALPHA-LATROTOXIN ON CRAYFISH NEUROMUSCULAR-TRANSMISSION
BIOLOGICHESKIE MEMBRANY 9(2), 236-239 (1992)
239. **MAGAZANIK, LG; FEDOROVA, IM; KOVALEVSKAYA, GI; PASHKOV, VN; BULGAKOV, OV; GRISHIN, EV.**
SELECTIVE PRESYNAPTIC INSECTOTOXIN (ALPHA-LATROINSECTOTOXIN) ISOLATED FROM BLACK-WIDOW SPIDER VENOM
NEUROSCIENCE 46(1), 181-188 (1992)
240. **GRISHIN, EV; DAVLETOV, BA; DULUBOVA, IE; FILIPPOV, AK; KIYATKIN, NI; PASHKOV, VN; SURKOVA, IN; TSYGANKOVA, OG.**

- MOLECULAR AND FUNCTIONAL-PROPERTIES OF BLACK-WIDOW SPIDER VENOM NEUROTOXINS AND THEIR RECEPTORS
NEURORECEPTORS, ION CHANNELS AND THE BRAIN , 65-71 (1992)
241. **KIYATKIN, NI; DULUBOVA, IY; VOLKOVA, TM; CHEKHOVSKAYA, IA; LIPKIN, AV; GRISHIN, YV.**
STRUCTURAL-ANALYSIS OF PROTEIN-COMPONENT ASSOCIATED WITH ALPHA-LATROTOXIN FROM THE BLACK-WIDOW SPIDER VENOM
DOKLADY AKADEMII NAUK SSSR 323(1), 178 (1992)
242. **BARNAKOV, AN; LUNEV, AV; DEMIN, VV; VOLKOVA, TM; AVETISYAN, NA; GRISHIN, EV.**
ELECTRON-MICROSCOPY OF ARGIOPININ-SENSITIVE PROTEIN FROM BOVINE BRAIN CORTEX
BIOLOGICHESKIE MEMBRANY 8(12), 1248-1253 (1991)
243. **KRASNOPEROV, VG; SHAMOTIENKO, OG; GRISHIN, EV.**
CHARACTERIZATION OF THE MEMBRANE-BOUND RECEPTOR FOR ALPHA-LATROCRUSTATOXIN FROM THE NERVE-TISSUE OF THE PARALITHODES-CAMTSHATICA CRAB
BIOORGANICHESKAYA KHIMIYA 17(10), 1329-1334 (1991)
244. **LUNEV, AV; DEMIN, VV; ZAITSEV, OI; SPADAR, SI; GRISHIN, EV.**
ELECTRON-MICROSCOPY OF ALPHA-LATROTOXIN FROM THE VENOM OF BLACK-WIDOW SPIDER LATRODECTUS-MACTANS-TREDECIMGUTTATUS
BIOORGANICHESKAYA KHIMIYA 17(8), 1021-1026 (1991)
245. **KRASNOPEROV, VG; SHAMOTIENKO, OG; GRISHIN, EV.**
INTERACTION OF ALPHA-[I-125]LATROCRUSTATOXIN WITH PLASMATIC MEMBRANES FROM THE NERVE-CELLS OF THE CRAYFISH ASTACUS-ASTACUS
BIOORGANICHESKAYA KHIMIYA 17(5), 716-718 (1991)
246. **VOLKOVA, TM; GALKINA, TG; KUDELIN, AB; GRISHIN, EV.**
TRYPTIC FRAGMENTS STRUCTURE OF THE BLACK-WIDOW SPIDER VENOM NEUROTOXIN
BIOORGANICHESKAYA KHIMIYA 17(4), 437-441 (1991)
247. **O DELL G V; HUDIBURG S A; OWNBY C; GRISHIN E V; MILLS J; HEUBERT A.**
VENOM TOXINS OF THERAPHOSIDAE SPIDERS
TOXICON 29(10), 1172 (1991)
248. **VOLKOVA T M; BARNAKOV A N; GRISHIN E V.**
ARGIOPININS AND THEIR NEURONAL BINDING PROTEIN
PESTICIDE SCIENCE 32(4), 511 (1991)
249. **SURKOVA, I N; GRISHIN, E V.**
PRESYNAPTIC ALPHA-LATROTOXIN RECEPTOR COMPONENTS INTERACT WITH PROTEIN P65 OF SYNAPTIC VESICLE MEMBRANES.
BIOMEDICAL SCIENCE 2(4), - (1991)
250. **KRASNOPEROV, VG; SHAMOTIENKO, OG; GRISHIN, EV.**
A CRUSTACEA-SPECIFIC NEUROTOXIN FROM THE VENOM OF THE LATRODECTUS-MACTANS-TREDECIMGUTTATUS SPIDER
BIOORGANICHESKAYA KHIMIYA 16(11), 1567-1569 (1990)
251. **ZHARIKOV, SI; ZHARIKOVA, AD; POPOV, VI; PASHKOV, VN; GRISHIN, EV.**
THE EFFECT OF ALPHA-LATROTOXIN ON THE PROCESSES OF GLUTAMATE UPTAKE AND RELEASE IN RAT-BRAIN SYNAPTOSOMES
BIOLOGICHESKIE MEMBRANY 7(10), 1013-1021 (1990)
252. **KIYATKIN, NI; DULUBOVA, IE; CHEKHOVSKAYA, IA; GRISHIN, EV.**
CLONING AND STRUCTURE OF CDNA-ENCODING ALPHA-LATROTOXIN FROM BLACK-WIDOW SPIDER VENOM
FEBS LETTERS 270(1-2), 127-131 (1990)

253. **ODELL, G; HUDIBURG, SA; OWNBY, C; HERRERO, M; AIRD, S; GRISHIN, E; YU, J.**
A COMPARISON OF VENOM COMPONENTS OF THERAPHOSIDAE SPIDERS
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 200, 56-AGFD
(1990)
254. **GRISHIN, EV.**
STUDY OF PRESYNAPTIC AND POSTSYNAPTIC SPIDER TOXINS
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 200, 81-AGFD
(1990)
255. **KOVALEVSKAYA, GI; PASHKOV, VN; BULGAKOV, OV; FEDOROVA, IM; MAGAZANIC, LG; GRISHIN, EV.**
IDENTIFICATION AND ISOLATION OF PROTEIN ALPHA-LATROINSECTOTOXIN
FROM THE VENOM OF SPIDER LATRODECTUS-MACTANS
TREDECIMGUTTATUS
BIOORGANICHESKAYA KHIMIYA 16(8), 1013-1018 (1990)
256. **KRASNOPEROV, VG; SHAMOTIENKO, OG; GRISHIN, EV.**
ISOLATION AND PROPERTIES OF INSECTOSPECIFIC NEUROTOXINS FROM
VENOM OF THE LATRODECTUS-MACTANS TREDECIMGUTTATUS SPIDER
BIOORGANICHESKAYA KHIMIYA 16(8), 1138-1140 (1990)
257. **MAGAZANIK, LG; FEDOROVA, IM; ANTONOV, SM; KOVALEVSKAYA, GI; BULGAKOV, OV; PASHKOV, VN; GRISHIN, EV.**
BLACK-WIDOW SPIDER VENOM CONTAINS DIFFERENT COMPONENTS
SELECTIVELY AFFECTING PRESYNAPTIC MEMBRANES OF VERTEBRATES
AND INSECTS
BIOLOGICHESKIE MEMBRANY 7(6), 660-661 (1990)
258. **PETRENKO, AG; KOVALENKO, VA; SHAMOTIENKO, OG; SURKOVA, IN; TARASYUK, TA; USHKARYOV, YA; GRISHIN, EV.**
ISOLATION AND PROPERTIES OF THE ALPHA-IATROTOXIN RECEPTOR
EMBO JOURNAL 9(6), 2023-2027 (1990)
259. **PETRENKO, AG; SHAMOTIENKO, OG; SURKOVA, IN; KOVALENKO, VA; GRISHIN, EV.**
STUDIES ON THE RECEPTOR FOR NEUROTOXIN FROM BLACK-WIDOW SPIDER
VENOM .1. CHARACTERIZATION OF MEMBRANE-BOUND AND SOLUBILIZED
RECEPTOR STATES FROM BOVINE BRAIN
BIOORGANICHESKAYA KHIMIYA 16(2), 149-157 (1990)
260. **PETRENKO, AG; SURKOVA, IN; SHAMOTIENKO, OG; KOVALENKO, VA; KRASNOPEROV, VN; TRETJYAKOV, LA; USHKARYOV, YA; GRISHIN, EV.**
STUDIES ON THE RECEPTOR FOR NEUROTOXIN FROM BLACK-WIDOW SPIDER
VENOM .2. ISOLATION AND PROPERTIES OF THE RECEPTOR FROM BOVINE
BRAIN MEMBRANE
BIOORGANICHESKAYA KHIMIYA 16(2), 158-165 (1990)
261. **FILIPPOV, AK; KOBRINSKY, EM; TSURUPA, GP; PASHKOV, VN; GRISHIN, EV.**
EXPRESSION OF RECEPTOR FOR ALPHA-LATROTOXIN IN XENOPUS OOCYTES
AFTER INJECTION OF MESSENGER-RNA FROM RAT-BRAIN
NEUROSCIENCE 39(3), 809-814 (1990)
262. **GRISHIN, E V; SOLOV'EV, M M; ANTONOV, S M; MAGAZANIK, L G.**
[THE EFFECT OF IRON IONS ON GLUTAMATE RECEPTORS].
DOKLADY AKADEMII NAUK SSSR 315(2), - (1990)
263. **KISKIN, NI; KRYSHTAL, OA; TSYNDRENKO, AY; VOLKOVA, TM; GRISHIN, EV.**
ARGIOPINE, ARGIOPININES, AND PSEUDOARGIOPININES AS GLUTAMATE
RECEPTOR BLOCKERS IN HIPPOCAMPAL-NEURONS
NEUROPHYSIOLOGY 21(6), 525-532 (1989)

264. **VOLKOVA, TM; AVETISYAN, NA; GALKINA, TG; KUDELIN, AB; MAKHMUDOVA, EM; SOLOVIEV, MM; TASHMUKHAMEDOV, BA; GRISHIN, EV.**
ARGIOPININ-BINDING PROTEIN FROM BOVINE CEREBRUM MEMBRANES
BIOORGANICHESKAYA KHIMIYA 15(8), 1022-1029 (1989)
265. **GRISHIN, E V; VOLKOVA, T M; ARSENIIEV, A S.**
NEW ANTAGONISTS OF GLUTAMATE RECEPTORS.
JOURNAL OF PROTEIN CHEMISTRY 8(3), - (1989)
266. **GRISHIN, EV; VOLKOVA, TM; ARSENIIEV, AS.**
ISOLATION AND STRUCTURE-ANALYSIS OF COMPONENTS FROM VENOM OF THE SPIDER ARGIOPE-LOBATA
TOXICON 27(5), 541-549 (1989)
267. **KISKIN, N I; KRYSH TAL', O A; TSYNDRENKO, A IA; VOLKOVA, T M; GRISHIN, E V.**
[ARGIOPINE, ARGIOPININES AND PSEUDOARGIOPININES--BLOCKERS OF THE GLUTAMATE RECEPTORS IN HIPPOCAMPAL NEURONS].
NEIROFIZIOLOGIJA = NEUROPHYSIOLOGY 21(6), - (1989)
268. **VOLKOVA, T M; AVETISYAN, N A; GALKINA, T G; KUDELIN, A B; MAKHMUDOVA, E M; SOLOVIEV, M M; TASHMUKHAMEDOV, B A; GRISHIN, E V.**
ISOLATION OF ARGIOPININ-BINDING PROTEIN FROM BOVINE BRAIN.
JOURNAL OF PROTEIN CHEMISTRY 8(3), - (1989)
269. **LIPKIN, V; GRISHIN, E.**
OVCHINNIKOV, YURI, A. - (1934-1988)
TRENDS IN BIOCHEMICAL SCIENCES 13(12), 470-471 (1988)
270. **TSYGANKOVA, OM; TRETYAKOV, LA; GRISHIN, EV.**
IDENTIFICATION OF A NEURONAL PROTEIN WITH LATROTOXIN-LIKE ANTIGENIC PROPERTIES
BIOORGANICHESKAYA KHIMIYA 14(11), 1570-1572 (1988)
271. **PASHKOV, VS; MAIOROV, VN; BYSTROV, VF; HOANG, AN; VOLKOVA, TM; GRISHIN, EV.**
SOLUTION SPATIAL STRUCTURE OF LONG NEUROTOXIN M9 FROM THE SCORPION BUTHUS-EUPEUS BY H-1-NMR SPECTROSCOPY
BIOPHYSICAL CHEMISTRY 31(1-2), 121-131 (1988)
272. **GRISHIN, EV; VOLKOVA, TM; ARSENIIEV, AS.**
ANTAGONISTS OF GLUTAMATE RECEPTORS FROM THE VENOM OF ARGIOPE-LOBATA SPIDER
BIOORGANICHESKAYA KHIMIYA 14(7), 883-892 (1988)
273. **ANTONOV, SM; SHUPLIAKOV, OV; MAGAZANIK, LG; VESELKIN, NP; VOLKOVA, TM; GRISHIN, EV.**
ARGIOPIN AS AN ANTAGONIST OF GLUTAMATE EFFECT ON THE FROG SPINAL MOTONEURONS
DOKLADY AKADEMII NAUK SSSR 298(2), 505-508 (1988)
274. **ANTONOV, SM; GRISHIN, EV; MAGAZANIK, LG; SHUPLIAKOV, OV; VESELKIN, NP; VOLKOVA, TM.**
ARGIOPIN BLOCKS THE GLUTAMATE RESPONSES AND SENSORIMOTOR TRANSMISSION IN MOTONEURONS OF ISOLATED FROG SPINAL-CORD
NEUROSCIENCE LETTERS 83(1-2), 179-184 (1987)
275. **MAGAZANIC, LG; ANTONOV, SM; FEDOROVA, IM; VOLKOVA, TM; GRISHIN, EV.**
EFFECTS OF THE SPIDER ARGIOPE-LOBATA CRUDE VENOM AND ITS LOW-MOLECULAR-WEIGHT COMPONENT, ARGIOPIN, ON THE POSTSYNAPTIC MEMBRANE
BIOLOGICHESKIE MEMBRANY 3(12), 1204-1219 (1986)
276. **GRISHIN, EV; VOLKOVA, TM; ARSENIIEV, AS; RESHETOVA, OS; ONOPRIENKO, VV; MAGAZANIC, LG; ANTONOV, SM; FEDOROVA, IM.**

- STRUCTURE-FUNCTIONAL CHARACTERIZATION OF ARGIOPINE - AN ION CHANNEL BLOCKER FROM THE VENOM OF SPIDER ARGIOPE-LOBATA
BIOORGANICHESKAYA KHIMIYA 12(8), 1121-1124 (1986)
277. **POTAPENKO, NA; VOLKOVA, TM; GARSIA, AF; GALKINA, TG; DULUBOWA, IE; GRISHIN, EV.**
TOTAL AMINO-ACID-SEQUENCE OF NEUROTOXIN OS-1 FROM THE VENOM OF THE CENTRAL-ASIAN SCORPION ORTHOCHIRUS-SCROBICULOSUS
BIOORGANICHESKAYA KHIMIYA 12(5), 581-590 (1986)
278. **USHKARYOV, YA; GRISHIN, EV.**
BLACK-WIDOW SPIDER NEUROTOXIN AND ITS INTERACTION WITH RAT-BRAIN RECEPTORS
BIOORGANICHESKAYA KHIMIYA 12(1), 71-80 (1986)
279. **USHKAREV, IU A; GRISHIN, E V.**
[NEUROTOXIN OF THE BLACK WIDOW SPIDER AND ITS INTERACTION WITH RECEPTORS FROM THE RAT BRAIN].
BIOORGANICHESKAIA KHIMIYA 12(1), - (1986)
280. **VOLKOVA, TM; GARSIA, AF; TELEZHINSKAYA, IN; POTAPENKO, NA; GRISHIN, EV.**
STUDY OF NEUROTOXINS FROM THE VENOM OF THE CENTRAL-ASIAN SCORPION BUTHUS-EUPEUS
BIOORGANICHESKAYA KHIMIYA 11(11), 1445-1456 (1985)
281. **NIKOLAEVA, LI; GRISHIN, EV; LEVITSKY, DO; LOGINOV, VA; MOLOKOEDOV, AS.**
ISOLATION AND CHARACTERIZATION OF CA-2+-TRANSPORTING PEPTIDES FROM THE CA-2+-ATPASE OF RABBIT SKELETAL-MUSCLE SARCOPLASMIC-RETICULUM
BIOLOGICHESKIE MEMBRANY 2(9), 871-879 (1985)
282. **OVCHINNIKOV, YA; DEMIN, VV; GRISHIN, EV; SPADAR, SN.**
STRUCTURAL SIMILARITY BETWEEN FAST SODIUM-CHANNEL AND ACETYLCHOLINE-RECEPTOR
BIOLOGICHESKIE MEMBRANY 2(10), 957-961 (1985)
283. **GRISHIN, EV; KOVALENKO, VA; PASHKOV, VN; SHAMOTIENKO, OG.**
ISOLATION AND CHARACTERIZATION OF SODIUM-CHANNEL COMPONENTS
BIOLOGICHESKIE MEMBRANY 1(8), 858-867 (1984)
284. **VOLKOVA, TM; GARCIA, AF; TELEZHINSKAYA, IN; POTAPENKO, NA; GRISHIN, EV.**
AMINO-ACID-SEQUENCE OF 2 NEUROTOXINS FROM THE VENOM OF CENTRAL ASIAN SCORPION BUTHUS-EUPEUS
BIOORGANICHESKAYA KHIMIYA 10(7), 979-982 (1984)
285. **VOLKOVA, TM; DULUBOVA, IE; TELEZHINSKAYA, IN; GRISHIN, EV.**
TOXIC COMPONENTS OF THE CENTRAL ASIAN SCORPION ORTHOCHIRUS-SCROBICULOSUS VENOM
BIOORGANICHESKAYA KHIMIYA 10(8), 1100-1108 (1984)
286. **OVCHINNIKOV, YA; GRISHIN, EV; TSETLIN, VI.**
PHOTOACTIVABLE NEUROTOXINS IN STUDYING MEMBRANE-RECEPTORS
TETRAHEDRON 40(3), 521-528 (1984)
287. **BARSUKOV, LI; VASILOV, GG; GRISHIN, EV; CHERNYAK, BV.**
BIOLOGICAL-MEMBRANES - STRUCTURE AND FUNCTION - 3RD SOVIET-SWISS SYMPOSIUM (TASHKENT, 1983)
BIOLOGICHESKIE MEMBRANY 1(2), 214-216 (1984)
288. **ELIN, E A; GRISHIN, E V; LEONOV, V N; PROSOLOVA, T K; SOLDATOV, N M.**
[SYNTHESIS AND BIOLOGICAL ACTIVITY OF 7,8-DIHYDRO DERIVATIVES OF BATRACHOTOXININ INTERACTING WITH FAST SODIUM CHANNELS].
BIOORGANICHESKAIA KHIMIYA 9(7), - (1983)

- 289. ARSENIYEV, AS; KONDAKOV, VI; MAIOROV, VN; VOLKOVA, TM; GRISHIN, EV; BYSTROV, VF; OVCHINNIKOV, YA.**
SECONDARY STRUCTURE AND SEQUENTIAL RESONANCE ASSIGNMENTS IN TWO-DIMENSIONAL PROTON MAGNETIC-RESONANCE SPECTRA OF INSECTOTOXIN-I5A BUTHUS-EUPEUS
BIOORGANICHESKAYA KHIMIYA 9(6), 768-793 (1983)
- 290. YELIN, EA; GRISHIN, EV; LEONOV, VN; PROSOLOVA, TK; SOLDATOV, NM; TORGOV, IV; MYASOYEDOV, NF; SHEVCHENKO, VP.**
SYNTHESIS AND BIOLOGICAL-ACTIVITY OF 7,8-DIHYDROBATRACHOTOXININ DERIVATIVES INTERACTING WITH FAST SODIUM-CHANNELS
BIOORGANICHESKAYA KHIMIYA 9(7), 990-993 (1983)
- 291. SOKOLOV, YV; USHKAREV, YA; GRASSO, A; GRISHIN, EV; LISHKO, VK.**
INTERACTION OF BLACK-WIDOW SPIDER TOXIN WITH BILAYER PHOSPHOLIPID-MEMBRANES
UKRAINSKII BIOKHMICHESKII ZHURNAL 55(2), 179-184 (1983)
- 292. SOLDATOV, NM; PROSOLOVA, TK; KOVALENKO, VA; PETRENKO, AG; GRISHIN, EV; OVCHINNIKOV, YA.**
IDENTIFICATION OF SODIUM-CHANNEL COMPONENTS INTERACTING WITH NEUROTOXINS
HOPPE-SEYLER'S ZEITSCHRIFT FUR PHYSIOLOGISCHE CHEMIE 364(6), 620-620 (1983)
- 293. SOKOLOV, IU V; USHKAREV, IU A; GRASSO, A; GRISHIN, E V; LISHKO, V K.**
[INTERACTION OF BLACK WIDOW SPIDER TOXIN WITH BILAYER PHOSPHOLIPID MEMBRANES].
UKRAINSKII BIOKHMICHESKII ZHURNAL (1978) 55(2), - (1983)
- 294. GRISHIN, EV; VOLKOVA, TM; SOLDATOVA, LN.**
STUDY OF TOXIC COMPONENTS FROM THE VENOM OF CAUCASUS SUBSPECIES OF SCORPION BUTHUS-EUPEUS
BIOORGANICHESKAYA KHIMIYA 8(2), 155-164 (1982)
- 295. KOVALENKO, VA; PASHKOV, VN; GRISHIN, EV; OVCHINNIKOV, YA; SHEVCHENKO, VP; MYASOEDOV, NF.**
SYNTHESIS OF A BIOLOGICALLY-ACTIVE TRITIUM LABELED TETRODOTOXIN DERIVATIVE
BIOORGANICHESKAYA KHIMIYA 8(5), 710-712 (1982)
- 296. OVCHINNIKOV, YA; GRISHIN, EV.**
SCORPION NEUROTOXINS AS TOOLS FOR STUDYING FAST SODIUM-CHANNELS
TRENDS IN BIOCHEMICAL SCIENCES 7(1), 26-28 (1982)
- 297. KOVALENKO, VA; PASHKOV, VN; GRISHIN, EV.**
MOLECULAR-ORGANIZATION OF ELECTRICALLY EXCITABLE MEMBRANE .2. ISOLATION AND CHARACTERIZATION OF PLASMA-MEMBRANE FRACTIONS FROM KAMCHATKA CRAB NERVES
BIOORGANICHESKAYA KHIMIYA 7(12), 1813-1827 (1981)
- 298. KOVALENKO, VA; PASHKOV, VN; GRISHIN, EV.**
MOLECULAR-ORGANIZATION OF ELECTRICALLY EXCITABLE MEMBRANE .2. SOLUBILIZATION AND PARTIAL-PURIFICATION OF TETRODOTOXIN RECEPTORS FROM CRAB AXON MEMBRANE
BIOORGANICHESKAYA KHIMIYA 7(12), 1826-1837 (1981)
- 299. GRISHIN, EV.**
STRUCTURE AND FUNCTION OF BUTHUS-EUPEUS SCORPION NEUROTOXINS
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY 20(2), 291-298 (1981)
- 300. KOVALENKO V A; PASHKOV V N; GRISHIN E V.**
MOLECULAR ORGANIZATION OF ELECTRICALLY EXCITABLE MEMBRANE 2. SOLUBILIZATION AND PARTIAL PURIFICATION OF TETRODO TOXIN

- RECEPTORS FROM CRAB AXON MEMBRANE
BIOORGANICHESKAYA KHIMIYA 7(12), 1828 (1981)
- 301. LEVITSKII, D O; GRISHIN, E V; BIRIUKOVA, T V; LEBEDEV, A V; NIKOLAEVA, L N.**
[CA²⁺-DEPENDENT ATPASES OF THE SARCOPLASMIC RETICULUM OF SKELETAL AND CARDIAC MUSCLES AND THEIR ION-TRANSPORTING FRAGMENTS].
BIULLETEN' VSESOIUZNOGO KARDIOLOGICHESKOGO NAUCHNOGO TSENTRA AMN SSSR 4(2), - (1981)
- 302. MOZHAYEVA, GN; NAUMOV, AP; NOSYREVA, ED; GRISHIN, EV.**
POTENTIAL-DEPENDENT INTERACTION OF TOXIN FROM VENOM OF THE SCORPION BUTHUS-EUPEUS WITH SODIUM-CHANNELS IN MYELINATED FIBER - VOLTAGE CLAMP EXPERIMENTS
BIOCHIMICA ET BIOPHYSICA ACTA 597(3), 587-602 (1980)
- 303. GRISHIN, EV; SOLDATOVA, LN; SHAKHPARONOV, MI; KAZAKOV, VK.**
AMINO-ACID-SEQUENCE OF NEUROTOXIN M10 FROM THE VENOM OF THE MIDDLE-ASIAN SCORPION BUTHUS-EUPEUS
BIOORGANICHESKAYA KHIMIYA 6(5), 714-723 (1980)
- 304. GRISHIN, EV; EFREMOV, ES; SOLDATOV, NM; PODREZOVA, EI; PETRENKO, AG.**
A STUDY OF THE NEUROTOXIN INTERACTION WITH EXCITABLE MEMBRANE BY DIFFERENCE FLUORESCENCE SPECTROSCOPY
BIOORGANICHESKAYA KHIMIYA 6(4), 576-584 (1980)
- 305. GRISHIN, EV; SOLDATOV, NM; OVCHINNIKOV, YA; MOZHAYEVA, GN; NAUMOV, AP; ZUBOV, AN; NISMAN, BC.**
INTERACTION OF THE PHOTOREACTIVE DERIVATIVE OF THE NEUROTOXIN FROM THE MIDDLE-ASIAN SCORPION-VENOM WITH NEURO-BLASTOMA CELL-MEMBRANES
BIOORGANICHESKAYA KHIMIYA 6(5), 724-730 (1980)
- 306. GRISHIN, EV; SOLDATOV, NM; OVCHINNIKOV, YA.**
THE NATURE OF THE MEMBRANE-RECEPTORS FOR SCORPION-VENOM NEUROTOXIN
BIOORGANICHESKAYA KHIMIYA 6(6), 914-922 (1980)
- 307. BLINOV, NO; TCHORBANOV, BP; GRISHIN, EV; ALEKSIEV, BV.**
NEUROTOXIC ACTION OF A PROTEIN COMPLEX FROM THE VENOM OF THE BULGARIAN VIPER (VIPERA-AMMODYTES AMMODYTES)
DOKLADI NA BOLGARSKATA AKADEMIYA NA NAUKITE 32(5), 663 (1979)
- 308. GRISHIN, EV; SOLDATOVA, LN; SOLDATOV, NM; KOSTETSKY, PV; OVCHINNIKOV, YA.**
AMINO-ACID SEQUENCE OF INSECTOTOXIN-I2 FROM THE VENOM OF THE MIDDLE-ASIAN SCORPION BUTHUS-EUPEUS
BIOORGANICHESKAYA KHIMIYA 5(9), 1285 (1979)
- 309. GRISHIN E V; SOLDATOV N M; SOLDATOVA L N; OVCHINNIKOV YU A.**
STUDIES OF THE TOXINS FROM BUTHUS-EUPEUS SCORPION VENOM
TOXICON 17(SUPPL. 1), 60 (1979)
- 310. ALEKSIEV, BV; TCHORBANOV, BP; GRISHIN, EV.**
AMINO-ACID-COMPOSITION AND UV SPECTRA OF A NEUROTOXIC COMPLEX FROM BULGARIAN VIPER VENOM (VIPERA-AMMODYTES-AMMODYTES)
DOKLADI NA BOLGARSKATA AKADEMIYA NA NAUKITE 32(9), 1227 (1979)
- 311. MOZHAEVA, G N; NAUMOV, A P; SOLDATOV, N M; GRISHIN, E V.**
DEĬSTVIE TOKSINOV SKORPIONA BUTHUS EUPEUS NA NATRIEVYE KANALY MEMBRANY PEREKHVATA RANV'E.
BIOFIZIKA 24(2), 235 (1979)
- 312. GRISHIN, EV; SOLDATOV, NM; TASHMUKHAMEDOV, BA; ATAKUZIEV, BU.**

- ISOLATION, PROPERTIES AND AMINO-ACID COMPOSITION OF TOXINS FROM VENOM OF MIDDLE-ASIAN SCORPION BUTHUS-EUPEUS
BIOORGANICHESKAYA KHIMIYA 4(4), 450 (1978)
- 313. TCHORBANOV B; GRISHIN E; ALEKSIEV B; OVCHINNIKOV YU.**
A NEURO TOXIC COMPLEX FROM THE VENOM OF THE BULGARIAN VIPER VIPERA-AMMODYTES-AMMODYTES AND A PARTIAL AMINO-ACID SEQUENCE OF THE TOXIC PHOSPHO LIPASE A-2 EC-3.1.1.4/
TOXICON 16(1), 37 (1978)
- 314. ZHDANOVA, LN; ADAMOVICH, TB; NAZIMOV, IV; GRISHIN, EV; OVCHINNIKOV, YA.**
AMINO-ACID SEQUENCE OF INSECTOTOXIN-II FROM VENOM OF MIDDLE-ASIAN SCORPION BUTHUS-EPEUS
BIOORGANICHESKAYA KHIMIYA 3(4), 485 (1977)
- 315. GRISHIN, EV; SUKHIKH, AP; ADAMOVICH, TB; OVCHINNIKOV, YA.**
ISOLATION, PROPERTIES AND SEQUENCE DETERMINATION OF 2 CYTOTOXINS FROM VENOM OF MIDDLE-ASIAN COBRA NAJA-NAJA-OXIANA
BIOORGANICHESKAYA KHIMIYA 2(8), 1018 (1976)
- 316. DATTAGUPTA, J K; FUJIWARA, T; GRISHIN, E V; LINDNER, K; MANOR, P C; PIENIAZEK, N J; SAENGER, R; SUCK, D.**
CRYSTALLIZATION OF THE FUNGAL ENZYME PROTEINASE K AND AMINO ACID COMPOSITION.
JOURNAL OF MOLECULAR BIOLOGY 97(2), 267 (1975)
- 317. GRISHIN, EV; SUKHIKH, AP; OVCHINNIKOV, YA.**
STRUCTURAL STUDIES OF TOXIC PRINCIPLES OF COBRA NAJA-NAJA-OXIANA VENOM
TOXICON 13(2), 95 (1975)
- 318. OVCHINNIKOV, YA; EGOROV, CA; ALDANOVA, NA; FEIGINA, MY; LIPKIN, VM; ABDULAEV, NG; GRISHIN, EV; KISELEV, AP; MODYANOV, NN; BRAUNSTEIN, AE; POLYANOVSKY, OL; NOSIKOV, VV.**
COMPLETE AMINO-ACID SEQUENCE OF CYTOPLASMIC ASPARTATE AMINOTRANSFERASE FROM PIG HEART
FEBS LETTERS 29(1), 31 (1973)
- 319. POLYANOVSKY, OL; NOSIKOV, VV; DEYEV, SM; BRAUNSTEIN, AE; GRISHIN, EV; OVCHINNIKOV, YA.**
LOCATION OF EXPOSED AND BURIED CYSTEINE RESIDUES IN POLYPEPTIDE-CHAIN OF ASPARTATE AMINOTRANSFERASE
FEBS LETTERS 35(2), 322 (1973)