

INDEX OF AUTHORS (WITH TITLES) FOR THE YEAR 2012, VOL. 54

- Abstracts of papers and communications** submitted to I All Russian conference «Intracellular Signaling, Transport, Cytoskeleton» (St. Petersburg, October 11—13, 2011). 1 : 89—102.
- Abstracts of papers and communications** submitted to the III conference of young scientists of the Institute of Cytology RAS (St. Petersburg, May 15—16, 2012). 4 : 334—365.
- Abstracts of papers and communications** submitted to the III conference of Cell Biology Society (St. Petersburg, October 16—18, 2012). 9 : 659—718.
- Aisenstadt A. A.** see Bobkov D. E. et al. 1 : 33—43.
- Aksenova V. Yu., Khotin M. G., Turoverova L. V., Yuditseva N. M., Magnusson K.-E., Pinaev G. P., Tentler D. G.** Novel splicing isoform of actin-binding protein alpha-actinin 4 in epidermoid carcinoma cells A431. 1 : 25—32.
- Alekseenko L. L.** see Kozhukharova I. V. et al. 10 : 761—766.
- Alenin V. V.** see Amen T. R. et al. 11 : 853—861.
- Amakhin D. V., Veselkin N. P.** GABA and glycine — interaction of responses and receptor cross. 6 : 469—477.
- Amen T. R., Mikhailova E. V., Alenin V. V., Artyomov A. V., Demytyev P. A., Khodorkovskii M. A., Artamonova T. O., Kuznetsova I. M., Soidla T. R., Nevzglyadova O. V.** A comparative structural and functional characteristics of different forms of *Saccharomyces cerevisiae* red pigment and its synthetic analogue. 11 : 853—861.
- Anatskaya O. V., Sidorenko N. V., Matveev I. V., Kropotova A. V., Vinogradov A. E.** Rat cardiomyocyte remodeling after neonatal cryptosporidiosis. II. Elongation, excessive polyploidization and *HIF-1 α* overexpression. 8 : 609—620.
- Anisimov A. P., Zyumchenko N. E.** Evolutionary regularities of somatic polyploidy expansion in salivary glands of gastropod mollusks. V. Subclasses Opisthobranchia and Pulmonata. 2 : 165—175.
- Anisimov S. V.** Cell technologies and the development of skin substitutes. 3 : 193—199.
- Anisimov S. V.** Risks of the xenogenic origin in stem cells applications. 4 : 289—297.
- Anokhina V. V.** see Ivanova V. P. et al. 11 : 823—830.
- Antonov V. G.** see Kurilova L. S. et al. 2 : 135—142.
- Antonov V. G.** see Melnitskaya A. V. et al. 2 : 143—148.
- Artamonova T. O.** see Amen T. R. et al. 11 : 853—861.
- Artamonova T. O.** see Shtam T. A. et al. 5 : 430—438.
- Artyomov A. V.** see Amen T. R. et al. 11 : 853—861.
- Artyukhov V. G.** see Kalaev V. N. et al. 1 : 78—84.
- Baidyuk E. V., Korshak O. V., Karpov A. A., Kudryavtsev B. N., Sakuta G. A.** Cellular mechanisms of regeneration of rats' liver after experimental myocardial infarction. 12 : 873—882.
- Barabanshikov B. I.** see Fedorova K. P. et al. 12 : 898—901.
- Barygina V. V., Mironova A. A., Zatsepina O. V.** Parameters which affect the estimation of protein mobility by method FRAP in living cells on the example of protein fibrillar. 1 : 17—24.
- Berger V. Ya.** see Podlipaeva Yu. I., Berger V. Ya. 7 : 580—584.
- Bobkov D. E., Aisenstadt A. A., Kropacheva I. V., Pinaev G. P.** Isolation of tropomyosin particles from the cytosol of cultured cells and their protein composition analysis. 1 : 33—43.
- Bobryshev Yu. V., Karagodin V. P., Orekhov A. N.** Dendritic cells and their role in immune reactions of atherosclerosis. 11 : 793—805.
- Bogankova N. A.** see Usenko T. S. et al. 1 : 44—48.
- Bogdanov Yu. F., Spangenberg V. E., Dadashev S. Ya., Vitiyazeva I. I., Bogolyubov S. V., Kolomiets O. L.** Morphological manifestation of a unique DNA segment in human meiotic prophase I. 8 : 603—608.
- Bogolyubov D. S., Kiselyov A. M., Shabelnikov S. V., Parfenov V. N.** Polyadenylated RNA and mRNA export factors in extrachromosomal nuclear domains of vitellogenic oocytes of the insect, *Tenebrio molitor*. 6 : 497—507.
- Bogolyubov D. S.** see Nikolsky N. N. et al. 8 : 652—656.
- Bogolyubov S. V.** see Bogdanov Yu. F. et al. 8 : 603—608.
- Bogolyubova I. O.** A comparative study of fluorescent patterns in the nuclei of early mouse embryos using antibodies against different domains of the actin molecule. 11 : 831—836.
- Bogolyubova I. O., Parfenov V. N.** Immunofluorescent detection of nuclear actin in early mouse embryos. 7 : 541—548.
- Bolshakov G. B.** see Elchaninov A. V., Bolshakov G. B. 4 : 313—317.
- Borchsenius S. N.** see Goodkov A. V. et al. 3 : 278—279.
- Borchsenius S. N.** see Nikolsky N. N. et al. 10 : 790—792.
- Borodkina A. B.** see Burova E. B. et al. 6 : 478—483.
- Borovaya T. G. I. B.** Buchwalov, W. Böcker. Immunohistochemistry: basics and methods. 7 : 585—586.
- Breigina M. A., Smirnova A. V., Matveyeva N. P., Yermakov I. P.** Another discussion of membrane voltage alterations in growing pollen tube. 1 : 85—88.
- Burdackov V. S.** see Shtam T. A. et al. 5 : 430—438.
- Burova E. B., Lublinskaya O. G., Shatrova A. N., Borodkina A. B., Nikolsky N. N.** Comparison of human endometrial stem cells and fibroblasts resistance to oxidative stress. 6 : 478—483.
- Burova L. A.** see Starikova E. A. et al. 1 : 49—57.
- Butov S. N.** see Melnitskaya A. V. et al. 2 : 143—148.
- Bychkovsky P. M., Yurkshtovich T. L., Kladiyev A. A., Revtovich M. Yu.** Antineoplastic effect of hydrogel prospidin on Seidel ascites hepatoma used as a model. 3 : 230—235.
- Bykova T. V.** see Kochetkova E. Yu. et al. 12 : 902—910.
- Bystrova O. A.** see Shabelnikov S. V. et al. 2 : 130—134.
- Chernyavsky S. D., Fedorova M. Z., Vo Van Thanh, Do Huu Quyet.** The reorganization of the actin cytoskeleton of nuclear erythrocytes and leukocytes in fish, frogs and birds during cell migration. 5 : 412—416.
- Chernyshev A. V.** see Pichugin J. G. et al. 2 : 185—190.
- Chubinskiy-Nadezhdin V. I.** see Efremova T. N. et al. 6 : 508—514.
- Chudinova E. M.** see Sablina A. A. et al. 7 : 560—565.
- Chystjakova L. V., Miteva O. A., Frolov A. O.** Morphology of *Mastigamoeba aspera* Schulze, 1875 (Archamoebae, Pelobiontida). 1 : 58—65.
- Dadashev S. Ya.** see Bogdanov Yu. F. et al. 8 : 603—608.
- Davydova B. N.** see Nagorskaya V. P. et al. 12 : 911—915.
- Demytyev P. A.** see Amen T. R. et al. 11 : 853—861.
- Denisenko V. Yu., Kuzmina T. I.** Identification of signal transduction pathway in fresh and vitrified porcine oocytes. 4 : 329—333.

- Derkach K. V.** see Shpakov A. O., Derkach K. V. 10 : 733—741.
- Derkach K. V., Shpakov A. O., Uspenskaya Z. I., Yudin A. L.** The study of molecular mechanisms of action of natural amino acids and serotonin on adenylyl and guanylyl cyclases of the ciliates. 3 : 270—277.
- Do Huu Quyet.** see Chernyavsky S. D. et al. 5 : 412—416.
- Domaratskaya E. I.** see Payushina O. V. et al. 5 : 369—380.
- Domaratskiy K. E., Onishchenko G. E.** The effect of hydroxyurea on the ciliogenesis in ciliated epithelium of mollusk *Limnaea stagnalis*. 6 : 484—488.
- Efremova T. N., Chubinskiy-Nadezhdin V. I., Khaitlina S. Yu., Morachevskaya E. A.** Assembly of actin filaments induced by sequestration of membrane cholesterol in transformed cells. 6 : 508—514.
- Elchaninov A. V., Bolshakova G. B.** Proliferation and cell death of hepatocytes in regenerating rat fetal liver. 4 : 313—317.
- Emelyanov A. K.** see Usenko T. S. et al. 1 : 44—48.
- Fedorova K. P., Tarasov N. V., Khalitova A. V., Iljinskaya O. N., Barabanschikov B. I., Kayumov A. R.** The role of AmtB, GlnK and glutamine synthetase in regulation of transcription factor TnrA in *Bacillus subtilis*. 12 : 898—901.
- Fedorova M. Z.** see Chernyavsky S. D. et al. 5 : 412—416.
- Filatov M. V.** see Ilatovskiy A. V. et al. 4 : 298—306.
- Filatov M. V.** see Shtam T. A. et al. 5 : 430—438.
- Filatova N. A.** see Knyazev N. A. et al. 10 : 767—773.
- Freidlin I. S.** see Starikova E. A. et al. 1 : 49—57.
- Frolov A. O.** see Chistjakova L. V. et al. 1 : 58—65.
- Gamalei Yu. V., Scheremetiev S. N.** Trends of genome evolution in land and secondary-water herbs. 6 : 449—458.
- Gavrilova L. P., Korpacheva I. A., Semushina S. G., Yashin V. A.** Heat shock induces simultaneous rearrangements of all known cytoskeletal filaments in normal interphase fibroblasts. 11 : 837—846.
- Gladkikh A. A.** see Rafalovskaya-Orlovskaya E. P. et al. 2 : 149—157.
- Gonchar I. V.** see Tjurjaeva I. I. et al. 6 : 489—496.
- Goodkov A. V., Borchsenius S. N., Skarlato S. O. E. V.** Ermilova, Zh. M. Zalutskaya, T. P. Lapina. Motility and behaviour of microorganisms. II. Eukaryotes. St. Petersburg: St. Petersburg University Press, 2010. 188 p. 3 : 278—279.
- Gordeeva O. F.** see Koltsova A. M. et al. 8 : 637—651.
- Gorgidze L. A.** see Rafalovskaya-Orlovskaya E. P. 2 : 149—157.
- Gorjainova G. N.** see Ivanov S. V. et al. 2 : 158—164.
- Goryainova G. N.** see Ivanov I. S. et al. 10 : 783—789.
- Govorun V. M.** see Podgorny O. V. et al. 5 : 381—389.
- Grefner N. M., Gromova L. V., Gruzdkov A. A., Komissarchik Ya. Yu.** Caco2 cell culture as intestinal epithelium model for hexose transport studying. 4 : 318—323.
- Grinchuk T. M.** see Kozhukharova I. V. et al. 10 : 761—766.
- Gromova L. V.** see Grefner N. M. et al. 4 : 318—323.
- Gruzdkov A. A.** see Grefner N. M. et al. 4 : 318—323.
- Haoyouan Liang.** see Klymenko V. V., Haoyouan Liang. 3 : 218—229.
- Ignatov M. S.** see Ivanov O. V., Ignatov M. S. 11 : 862—869.
- Ilatovskiy A. V., Lebedev D. V., Filatov M. V., Petukhov M. G., Isaev-Ivanov V. V.** Current insights into chromatin structure organization. 4 : 298—306.
- Iljinskaya O. N.** see Fedorova K. P. et al. 12 : 898—901.
- Index of authors (with titles) for the year 2012, vol. 54.** 12 : 938—942.
- Isaev-Ivanov V. V.** see Ilatovskiy A. V. et al. 4 : 298—306.
- Iserovich P.** see Rubashkin A. A., Iserovich P. 6 : 522—524.
- Ivanov A. V.** see Ivanov I. S. et al. 10 : 783—789.
- Ivanov I. S.** see Ivanov S. V. et al. 2 : 158—164.
- Ivanov I. S., Lazarenko V. A., Ivanov S. V., Goryainova G. N., Ivanov A. V.** Influence of exogenous embryonic fibroblasts on collagen Type I and Type III ratio in the tissues of paraprothetic capsule (experimental work). 10 : 783—789.
- Ivanov O. V., Ignatov M. S.** 2D digitizing of plant cell areolation by polarized light microscopy. 11 : 862—869.
- Ivanov P. A.** see Sablina A. A. et al. 7 : 560—565.
- Ivanov S. V.** see Ivanov I. S. et al. 10 : 783—789.
- Ivanov S. V., Ivanov I. S., Goryainova G. N., Tsukanov A. V., Katunina T. P.** Comparative morphology of tissues when using polypropylene and polytetrafluorethylene prostheses. 2 : 158—164.
- Ivanova V. P., Kovaleva Z. V., Anokhina V. V., Krivchenko A. I.** The effect of the collagen tripeptide fragment (GER) on the adhesion and spreading of fibroblasts depends on the properties of adhesive surface. 11 : 823—830.
- Japaridze N. J.** see Okuneva V. G. et al. 4 : 324—328.
- Kagarlitskiy G. O.** see Kovina M. V. et al. 12 : 883—896.
- Kalaev V. N., Artyukhov V. G., Nechaeva M. S.** The effect of nuclear dyes on the frequency of aberrations in mucosal cells of humans. 1 : 78—84.
- Karagodin V. P.** see Bobryshev Yu. V. et al. 11 : 793—805.
- Karpov A. A.** see Baidyuk E. V. et al. 12 : 873—882.
- Kartavtseva I. V.** see Roslik G. V., Kartavtseva I. V. 1 : 66—77.
- Katunina T. P.** see Ivanov S. V. et al. 2 : 158—164.
- Kayumov A. R.** see Fedorova K. P. et al. 12 : 898—901.
- Khaitlina S. Yu.** see Efremova T. N. et al. 6 : 508—514.
- Khalitova A. V.** see Fedorova K. P. et al. 12 : 898—901.
- Khodarovich Yu. M.** see Kovina M. V. et al. 12 : 883—886.
- Khodorkovskii M. A.** see Amen T. R. et al. 11 : 853—861.
- Khotin M. G.** see Aksenova V. Yu. et al. 1 : 25—32.
- Kind T. V.** Response of *Calliphora vicina* larval hemocytes to abiotic and biotic foreign particles injection. 3 : 236—243.
- Kind T. V.** Function of *Calliphora vomitoria* larval hemocytes in recognition and elimination from hemolymph human erythrocytes and charcoal particles. 3 : 244—250.
- Kind T. V.** Functional morphology of blowfly *Calliphora vicina* hemocytes. 11 : 806—822.
- Kiselyov A. M.** see Bogolyubov D. S. et al. 6 : 497—507.
- Kislik G. A.** see Sarantseva S. V. et al. 5 : 421—429.
- Kladiev A. A.** see Bychkovsky P. M. et al. 3 : 230—235.
- Klymenko V. V., Liang Haoyouan.** Chromatin in diapause of the silkworm *Bombyx mori* L.: thermal parthenogenesis and normal development. 3 : 218—229.
- Knyazev N. A., Filatova N. A., Samoilova K. A.** Proliferation and tumorigenicity of the murine hepatoma cells irradiated with polychromatic visible and infrared light. 10 : 767—773.
- Kochetkova E. Yu., Bykova T. V., Zubova S. G., Pospelova T. V.** Involvement of MAP-kinase cascades into the regulation of sodium butyrate induced premature cell senescence. 12 : 902—910.
- Kolomiets O. L.** see Bogdanov Yu. F. et al. 8 : 603—608.
- Koltsova A. M.** see Krylova T. A. et al. 1 : 5—16.
- Koltsova A. M., Voronkina I. V., Gordeeva O. F., Zenin V. V., Lifantseva N. V., Musoruna A. S., Smagina L. V., Yakovleva T. K., Poljanskaya G. G.** Developing of a new feeder-free system and characterization of human embryonic stem cell sublines derived in this system under autogenic and allogenic culturing. 8 : 637—651.
- Komissarchik Ya. Yu.** see Grefner N. M. et al. 4 : 318—323.
- Komissarchik Ya. Yu.** see Snigirevskaya E. S. et al. 3 : 200—213.
- Korpacheva I. A.** see Gavrilova L. P. et al. 11 : 837—846.
- Korshak O. V.** see Baidyuk E. V. et al. 12 : 873—882.
- Kotaria N. T.** see Okuneva V. G. et al. 4 : 324—328.
- Koteva N. K.** see Venzhik Yu. V. et al. 12 : 916—924.
- Kotsyuba E. P.** The distribution of catecholamine-containing neurons in the brain of *Pagurus middendorffii* and *Paralithodes camtschaticus* (Anomura, Decapoda). 6 : 515—521.

- Kovaleva Z. V.** see Ivanova V. P. et al. 11 : 823—830.
Kovaleva Z. V. see Kozhukharova I. V. et al. 10 : 761—766.
Kovina M. V., Zuev V. A., Kagarlitskiy G. O., Khodarovich Yu. M. Life extension study of high-yield non-myeloablating bone marrow transplantation from young to old mice. 12 : 883—886.
Kozhukhar V. G. SRY and SOX9: the main genetic factors of mammalian sex determination. 5 : 390—404.
Kozhukharova I. V., Grinchuk T. M., Pugovkina N. A., Kovaleva Z. V., Alekseenko L. L., Nikolsky N. N. Examination of cytotoxic effect of anti-cancer drug doxorubicin on human embryonic stem cells. 10 : 761—766.
Krivchenko A. I. see Ivanova V. P. et al. 11 : 823—830.
Kropacheva I. V. see Bobkov D. E. et al. 1 : 33—43.
Kropotov A. V. see Anatskaya O. V. et al. 8 : 609—620.
Krutetskaya N. I. see Kurilova L. S. et al. 2 : 135—142.
Krutetskaya N. I. see Melnitskaya A. V. et al. 2 : 143—148.
Krutetskaya Z. I. see Kurilova L. S. et al. 2 : 135—142.
Krutetskaya Z. I. see Melnitskaya A. V. et al. 2 : 143—148.
Krylova T. A., Koltsova A. M., Zenin V. V., Musorina A. S., Yakovleva T. K., Poljanskaya G. G. Comparative characteristics of new mesenchymal stem cell lines derived from human embryonic stem cells, bone marrow and foreskin. 1 : 5—16.
Krylova T. A., Kukhareva L. V., Petrov Yu. P. Two spreading states of mesenchymal cells of the human embryo *in vitro*. 2 : 112—118.
Kudryavtsev B. N. see Baidyuk E. P. et al. 12 : 873—882.
Kukhareva L. V. see Krylova T. A. et al. 2 : 112—118.
Kuranova M. L. see Tjurjaeva I. I. et al. 6 : 489—496.
Kurilova L. S., Krutetskaya Z. I., Lebedev O. E., Krutetskaya N. I., Antonov V. G. The involvement of actin cytoskeleton in glutoxim and molixan effect on intracellular Ca²⁺-concentration in macrophages. 2 : 135—142.
Kuzmina T. I. see Denisenko V. Yu., Kuzmina T. I. 4 : 329—333.
Kuznetsova I. V. see Amen T. R. et al. 11 : 853—861.
- Landa S. B.** see Shtam T. A. et al. 5 : 430—438.
Lapshina L. A. see Nagorskaya V. P. et al. 12 : 911—915.
Lazarenko V. A. see Ivanov I. S. et al. 10 : 783—789.
Lazarev V. N. see Podgorny O. V. et al. 5 : 381—389.
Lebedev D. V. see Ilatovskiy A. V. et al. 4 : 298—306.
Lebedev O. E. see Kurilova L. S. et al. 2 : 135—142.
Lebedev O. E. see Melnitskaya A. V. et al. 2 : 143—148.
Lebedeva A. M. see Starikova E. A. et al. 1 : 49—57.
Leschenko V. V. see Medvedev A. I., Leschenko V. V. 5 : 417—420.
Lifantseva N. V. see Koltsova A. M. et al. 8 : 637—651.
Loginova M. Yu. see Tronov V. A. et al. 3 : 261—269.
Lublinskaya O. G. see Burova E. B. et al. 6 : 478—483.
- Magnusson K.-E.** see Aksenova V. Yu. et al. 1 : 25—32.
Maltsev V. P. see Pichugin J. G. et al. 2 : 185—190.
Martynova M. G. see Shabelnikov S. V. et al. 2 : 130—134.
Matveev I. V. see Anatskaya O. V. et al. 8 : 609—620.
Matveyeva N. P. see Breigina M. A. et al. 1 : 85—88.
Matveyeva N. P., Polevova S. V., Smirnova A. V., Yermakov I. P. Sporopollenin accumulation in *Nicotiana tabacum* L. microspore wall during its development. 2 : 176—184.
Medvedev A. I., Leschenko V. V. Large-scale fragmentation of DNA and the death of tumor cells by the action of the binary system ascorbic acid-metallocomplexes of cobalt *in vitro*. 5 : 417—420.
Melnitskaya A. V., Krutetskaya Z. I., Lebedev O. E., Butov S. N., Krutetskaya N. I., Antonov V. G. The effect of glutoxim on Na⁺ transport in frog skin: the role of cytoskeleton. 2 : 143—148.
Mikhailova E. V. see Amen T. R. et al. 11 : 853—861.
Mikhelson V. M. see Smirnova T. Yu. et al. 5 : 439—445.
Milto I. V., Suhodolo I. V., Usov V. Yu. Cells of mononuclear phagocytes system of liver and lung in rats after intravenous applications of magnetite nanoparticles. 7 : 566—572.
- Mironova A. A.** see Barygina V. V. et al. 1 : 17—24.
Mironova A. P. Analysis of individual changes in heat resistance of clones of *Daphnia magna* at the initial stages of cultivation. 12 : 892—897.
Miroslavov E. A. see Venzhik Yu. V. et al. 12 :
Miteva O. A. see Chistjakova L. B. et al. 1 : 58—65.
Morachevskaya E. A. see Efremova T. N. et al. 6 : 508—514.
Morachevskaya E. A. see Sudarikova A. V. et al. 7 : 573—579.
Mosevitsky M. I. see Snigirevskaya E. S. et al. 3 : 200—213.
Musorina A. S. see Koltsova A. M. et al. 8 : 637—651.
Musorina A. S. see Krylova T. A. et al. 1 : 5—16.
- Nadezhdina E. S.** see Sablina A. A. et al. 7 : 560—565.
Nagorskaya V. P., Reunov A. V., Lapshina L. A., Davydova B. N., Yermak I. M. Effect of chitosan on the cell ultrastructure and activity of hydrolases in tobacco leaves. 12 : 911—915.
Naryzhny S. N. see Shtam T. A. et al. 5 : 430—438.
Nassonova E. S. Molecular karyotyping of eukaryotic microorganisms. 10 : 721—732.
Nechaeva M. S. see Kalaev V. N. et al. 1 : 78—84.
Negulyaev Yu. A. see Petrov Yu. P. et al. 3 : 214—217.
Negulyaev Yu. A. see Petrov Yu. P. et al. 4 : 307—312.
Negulyaev Yu. A. see Petrov Yu. P. et al. 5 : 405—411.
Negulyaev Yu. A. see Sudarikova A. V. et al. 7 : 573—579.
Nevzglyadova O. V. see Amen T. R. et al. 11 : 853—861.
Nikolsky N. N. see Burova E. B. et al. 6 : 478—483.
Nikolsky N. N. see Kozhukharova I. V. et al. 10 : 761—766.
Nikolsky N. N., Skarlato S. O., Bogolyubov D. S. To memory of Vladimir Nikolaevich Parfenov (1945—2012). 8 : 652—656.
Nikolsky N. N., Snigirevskaya E. S., Yudin A. L., Borchsenius S. N., Skarlato S. O., Vereninov A. A. Yan Yudovich Kommissarchik (to the 85th birthday). 10 : 790—792.
Novitsky V. V. see Ryazantseva N. V. et al. 2 : 105—111.
Nurullin L. F. see Volkov M. E. et al. 11 : 847—852.
- Okuneva V. G., Japaridze N. J., Kotaria N. T., Zhvania M. G.** Neuronal porosome in the rat and cat brain. 4 : 324—328.
Omelyanchuk L. V. see Pichugin J. G. et al. 2 : 185—190.
Onishchenko G. E. see Domaratskiy K. E., Onishchenko G. E. 6 : 484—488.
Orehhov A. N. see Bobryshev Yu. V. et al. 11 : 793—805.
Osihov I. A. see Ryazantseva N. V. et al. 2 : 105—111.
Ostrovsky M. A. see Tronov V. A. et al. 3 : 261—269.
- Palchikov I. G.** see Pichugin J. G. et al. 2 : 185—190.
Panteleev A. V., Vorobjev I. A. Expression of early hematopoietic markers in cord blood and mobilized blood. 10 : 774—782.
Paplinskaya V. A. see Tronov V. A. et al. 3 : 261—269.
Parfenov V. N. see Bogolyubov D. S. et al. 6 : 497—507.
Parfenov V. N. see Bogolyubova I. O., Parfenov V. N. 7 : 541—548.
Parfenov V. N. see Pochukalina G. N., Parfenov V. N. 7 : 549—559.
Payushina O. V., Domaratskaya E. I., Starostin V. I. Cellular composition and regulatory functions of fetal liver stroma. 5 : 369—380.
Pchelina S. N. see Usenko T. S. et al. 1 : 44—48.
Petrov Yu. P. Correlation between growth of callus and a number of nodule for pea *Pisum sativum*. 12 : 925—932.
Petrov Yu. P. see Krylova T. A. et al. 2 : 112—118.
Petrov Yu. P., Negulyaev Yu. A., Tsupkina N. P. Analysis of the cell cycle duration of cells of permanent line L-929. 3 : 214—217.
Petrov Yu. P., Negulyaev Yu. A., Tsupkina N. V. Dynamics of spreading of cells of L-929 line after the mitosis. 4 : 307—312.
Petrov Yu. P., Negulyaev Yu. A., Tsupkina N. V. The estimation of similarity in characteristics of the post-mitotic daughter L-929 cells during their migration along the substrate. 5 : 405—411.

- Petrov Yu. P., Tsupkina N. V.** Growth features of CHO cells in culture. 10 : 754—760.
- Petrova E. S.** The use of stem cells to stimulate regeneration of damaged nerve. 7 : 525—540.
- Petukhov M. G.** see Ilatovskiy A. V. et al. 4 : 298—306.
- Pichugin J. G., Semianov K. A., Chernyshev A. V., Palchikova I. G., Omelyanchuk L. V., Maltsev V. P.** Nucleus DNA content measurement methods features. 2 : 185—190.
- Pinaev G. P.** see Aksenova V. Yu. et al. 1 : 25—32.
- Pinaev G. P.** see Bobkov D. E. et al. 1 : 33—43.
- Pochukalina G. N., Parfenov V. N.** Actin and mRNA export factors distribution in the nucleus of preovulatory mouse oocytes. 7 : 549—559.
- Podgorny O. V., Lazarev V. N., Govorun V. M.** Laser microdissection for biology and medicine. 5 : 381—389.
- Podlipaeva Yu. I., Berger V. Ya.** Changes of heat shock proteins content in the gill epithelium cells of mussel *Mytilus edulis* L. depending upon the salinity of medium. 7 : 580—584.
- Polevova S. V.** see Matveyeva N. P. et al. 2 : 176—184.
- Poljanskaya G. G.** see Koltsova A. M. et al. 8 : 637—651.
- Poljanskaya G. G.** see Krylova T. A. et al. 1 : 5—16.
- Porseva V. V.** Characterization of afferent neurons of spinal ganglions sensitive to capsaicin. 12 : 887—891.
- Pospelova T. V.** see Kochetkova E. Yu. et al. 12 : 902—910.
- Pospelova T. V.** see Zubova S. G. et al. 8 : 589—602.
- Pugovkina N. A.** see Kozhukharova I. V. et al. 10 : 761—766.
- Raphalovskaya-Orlovskaya E. P., Gorgidze L. A., Gladkikh A. A., Tauger S. M., Vorobjev I. A.** Imaging of surface cell antigens on the tumor sections of lymph nodes using fluorescence quantum dots. 2 : 149—157.
- Reunov A. L.** see Smirnova T. Yu. et al. 5 : 439—445.
- Reunov A. V.** see Nagorskaya V. P. et al. 12 : 911—915.
- Revtoch M. Yu.** see Bychkovsky P. M. et al. 3 : 230—235.
- Roslik G. V., Kartavtseva I. V.** B chromosome morphotypes of *Apodemus peninsulae* (Rodentia) from the Russian Far East. 1 : 66—77.
- Rozanov Yu. M.** see Tjurjaeva I. I. et al. 6 : 489—496.
- Rubashkin A. A., Iserovich P.** A new approach to the electrostatic stabilization of cations in the aqueous cavity of K⁺ channel: the role of nonlocal-electrostatic effects. 6 : 522—524.
- Ryazantseva N. V., Starikova E. G., Tashireva L. A., Stepovaya Ye. A., Starikov Yu. V., Osihov I. A., Novitsky V. V.** Intracellular gaseous messengers, nitric oxide, carbon monoxide and hydrogen sulfide, participate in apoptosis regulation. 2 : 105—111.
- Sablina A. A., Chudinova E. M., Nadezhdina E. S., Ivanov P. A.** Stress granules in the cells with intact and disrupted microtubules: analysis with new algorithm of image processing. 7 : 560—565.
- Sakuta G. A.** see Baidyuk E. V. et al. 12 : 873—882.
- Samoilova K. A.** see Knyazev N. A. et al. 10 : 767—773.
- Sarantseva S. V., Kislik G. A., Tkachenko N. A., Vasiliev A. N., Schwarzman A. L.** Morphological and functional abnormalities in neuromuscular junctions of *Drosophila melanogaster* induced by the expression of human *APP* gene. 5 : 421—429.
- Scheremetiev S. N.** see Gamalei Yu. V., Scheremetiev S. N. 6 : 449—458.
- Schwarzman A. L.** see Sarantseva S. V. et al. 5 : 421—429.
- Schwarzman A. L.** see Usenko T. S. et al. 1 : 44—48.
- Semianov K. A.** see Pichugin J. G. et al. 2 : 185—190.
- Semushina S. G.** see Gavrilova L. P. et al. 11 : 837—846.
- Shabelnikov S. V.** see Bogolyubov D. S. et al. 6 : 497—507.
- Shabelnikov S. V., Bystrova O. A., Martynova M. G.** The presence and localization of heat shock protein 70 in rat mast cells. 2 : 130—134.
- Shatalin Yu. V.** see Shubina V. S., Shatalin Yu. V. 3 : 251—260.
- Shatrova A. N.** see Burova E. B. et al. 6 : 478—483.
- Shitikova Zh. V.** see Zubova S. G. et al. 8 : 589—602.
- Shpakov A. O.** The functional state of biogenic amines- and acetylcholine-regulated signaling systems of the brain in diabetes mellitus. 6 : 459—468.
- Shpakov A. O.** see Derkach K. V. et al. 3 : 270—277.
- Shpakov A. O., Derkach K. V.** The brain peptidergic signaling systems in diabetes mellitus. 10 : 733—741.
- Shpakov A. O.** see Shpakova E. A. et al. 2 : 119—129.
- Shpakova E. A., Skvortsova E. A., Tarasenko I. I., Shpakov A. O.** The secondary structure of peptides derived from the third intracellular loop of the serpentine type receptor and its interrelation with their biological activity. 2 : 119—129.
- Shtam T. A., Naryzhny S. N., Landa S. B., Burdackov V. S., Artamonova T. O., Filatov M. V.** Isolation and proteomic analysis of exosomes secreted by human cancer cells *in vitro*. 5 : 430—438.
- Shubina V. S., Shatalin Yu. V.** Effect of liposomal form of flavonoid—metal complexes on skin regeneration after chemical burn. 3 : 251—260.
- Sidorenko N. V.** see Anatskaya O. V. et al. 8 : 609—620.
- Skarlato S. O.** see Goodkov A. V. et al. 3 : 278—279.
- Skarlato S. O.** see Nikolsky N. N. et al. 8 : 652—656.
- Skarlato S. O.** see Nikolsky N. N. et al. 10 : 790—792.
- Skvortsova E. A.** see Shpakova E. A. et al. 2 : 119—129.
- Smagina L. V.** see Koltsova A. M. et al. 8 : 637—651.
- Smirnova A. V.** see Breigina M. A. et al. 1 : 85—88.
- Smirnova A. V.** see Matveyeva N. P. et al. 2 : 176—184.
- Smirnova T. D.** see Turilova V. I., Smirnova T. D. 8 : 621—636.
- Smirnova T. Yu., Runov A. L., Vonsky M. S., Spivak D. L., Zakharchuk A. G., Mikhelson V. M., Spivak I. M.** Telomere length in the population of long-lived persons of north-west region of Russia. 5 : 439—445.
- Snigirevskaya E. S., Mosevitsky M. I., Komissarchik Ya. Yu.** The role of chromatoid bodies and cytoskeleton for differentiation of rat spermatozooids. 3 : 200—213.
- Snigirevskaya E. S.** see Nikolsky N. N. et al. 10 : 790—792.
- Soidla T. R.** see Amen T. R. et al. 11 : 853—861.
- Spangenberg V. E.** see Bogdanov Yu. F. et al. 8 : 603—608.
- Spivak D. L.** see Smirnova T. Yu. et al. 5 : 439—445.
- Starikov Yu. V.** see Ryazantseva N. V. et al. 2 : 105—111.
- Starikova E. A., Lebedeva A. M., Burova L. A., Freidlin I. S.** Regulation of endothelial cells functions by ultrasonic supernatant of *Streptococcus pyogenes*. 1 : 49—57.
- Starikova E. G.** see Ryazantseva N. V. et al. 2 : 105—111.
- Starostin V. I.** see Payushina O. V. et al. 5 : 369—380.
- Stepovaya Ye. A.** see Ryazantseva N. V. et al. 2 : 105—111.
- Sudarikova A. V., Vassilieva I. O., Morachevskaya E. A., Negulyaev Yu. A.** Molecular and functional identification of sodium channels in K562 cells. 7 : 573—579.
- Suhodolo I. V.** see Milto I. V. et al. 7 : 566—572.
- Talanova V. V.** see Venzhik Yu. V. et al. 12 : 916—924.
- Tarasenko I. I.** see Shpakova E. A. et al. 2 : 119—129.
- Tarasov N. V.** see Fedorova K. P. et al. 12 : 898—901.
- Tashireva L. A.** see Ryazantseva N. V. et al. 2 : 105—111.
- Tauger S.** see Rafalovskaya-Orlovskaya E. P. et al. 2 : 149—157.
- Tentler D. G.** see Aksenova V. Yu. et al. 1 : 25—32.
- Titov A. F.** see Venzhik Yu. V. et al. 12 : 916—924.
- Tjurjaeva I. I., Kuranova M. L., Gonchar I. V., Rozanov Yu. M.** Energy corrective and antioxidative actions of Cytoflavin after ischemia of human dermal fibroblasts *in vitro*. 6 : 489—496.
- Tkachenko N. A.** see Sarantseva S. V. et al. 5 : 421—429.
- Tronov V. A., Vinogradova Yu. V., Loginova M. Yu., Papiinskaya V. A., Ostrovsky M. A.** Mechanisms of radioresistance in terminally differentiated cells of mature retina. 3 : 261—269.
- Tsukanov A. V.** see Ivanov S. V. et al. 2 : 158—164.
- Tsupkina N. P.** see Petrov Yu. P. et al. 3 : 214—217.
- Tsupkina N. P.** see Petrov Yu. P. et al. 4 : 307—312.
- Tsupkina N. P.** see Petrov Yu. P. et al. 5 : 405—411.
- Tsupkina N. V.** see Petrov Yu. P., Tsupkina N. V. 10 : 754—760.

- Turilova V. I., Smirnova T. D.** Karyotypic variability of human myeloma cell lines. 8 : 621—636.
- Turoverova L. V.** see Aksenova V. Yu. et al. 1 : 25—32.
- Tvorogova A. V., Vorobjev I. A.** Microtubules suppress blebbing and stimulate lamellae extension in spreading fibroblasts. 10 : 742—753.
- Usenko T. S., Emelyanov A. K., Yakimovskii A. F., Bogankova N. A., Vavilova T. V., Schwarzman A. L., Pchelina S. N.** Apoptosis of peripheral blood lymphocytes in patients with LRRK2-associated Parkinson's disease. 1 : 44—48.
- Usov V. Yu.** see Milto I. V. et al. 7 : 566—572.
- Uspenskaya Z. I.** see Derkach K. V. et al. 3 : 270—277.
- Vasiliev A. N.** see Sarantseva S. V. et al. 5 : 421—429.
- Vassilieva I. O.** see Sudarikova A. V. et al. 7 : 573—579.
- Vavilova T. V.** see Usenko T. S. et al. 1 : 44—48.
- Venzhik Yu. V., Titov A. F., Talanova V. V., Miroslavov E. A., Koteeva N. K.** Structural and functional reorganization of photosynthetic apparatus in cold adaptation of wheat plants. 12 : 916—924.
- Vereninov A. A.** see Nikolsky N. N. et al. 10 : 790—792.
- Veselkin N. P.** see Amakhin D. V., Veselkin N. P. 6 : 469—477.
- Vinogradov A. E.** see Anatskaya O. V. et al. 8 : 609—620.
- Vinogradova Yu. V.** see Tronov V. A. et al. 3 : 261—269.
- Vitiyazeva I. I.** see Bogdanov Yu. F. et al. 8 : 603—608.
- Volkov E. M.** see Volkov M. E. et al. 11 : 847—852.
- Volkov M. E., Volkov E. M., Nurullin L. F.** Immunocytochemical identification of synaptotagmin 1, syntaxin 1, N-type Ca²⁺-channel and nicotinic cholinergic receptor in motor neuromuscular junctions of earthworm somatic muscle *Lumbricus terrestris*. 11 : 847—852.
- Vonsky M. S.** see Smirnova T. Yu. et al. 5 : 439—445.
- Vorobjev I. A.** see Panteleev A. V. et al. 10 : 774—782.
- Vorobjev I. A.** see Rafalovskaya-Orlovskaya E. P. et al. 2 : 149—157.
- Vorobjev I. A.** see Tvorogova A. V., Vorobjev I. A. 10 : 742—753.
- Voronkina I. V.** see Koltsova A. M. et al. 8 : 637—651.
- Vo Van Thanh.** see Chernyavsky S. D. et al. 5 : 412—416.
- Yakimovskii A. F.** see Usenko T. S. et al. 1 : 44—48.
- Yakovleva T. K.** see Koltsova A. M. et al. 8 : 697—651.
- Yakovleva T. K.** see Krylova T. A. et al. 1 : 5—16.
- Yashin V. A.** see Gavrilova L. P. et al. 11 : 837—846.
- Yermak I. M.** see Nagorskaya V. P. et al. 12 : 911—915.
- Yermakov I. P.** see Breigina M. A. et al. 1 : 85—88.
- Yermakov I. P.** see Maltseva N. P. et al. 2 : 176—184.
- Yudin A. L.** see Derkach K. V. et al. 3 : 270—277.
- Yudin A. L.** see Nikolsky N. N. et al. 10 : 790—792.
- Yudintseva N. M.** see Aksenova V. Yu. et al. 1 : 25—32.
- Yurkshtovich T. L.** see Bychkovsky P. M. et al. 3 : 230—235.
- Zakharchuk A. G.** see Smirnova T. Yu. et al. 5 : 439—445.
- Zatsepina O. V.** see Barygina V. V. et al. 1 : 17—24.
- Zenin V. V.** see Koltsova A. M. et al. 8 : 637—651.
- Zenin V. V.** see Krylova T. A. et al. 1 : 5—16.
- Zhvania M. G.** see Okuneva V. G. et al. 4 : 324—328.
- Zubova S. G.** see Kochetkova E. Ya. et al. 12 : 902—910.
- Zubova S. G., Shitikova Zh. V., Pospelova T. V.** TOR-centric concept of regulation mitogenic, metabolic and energetic signal processing in cell. 8 : 589—602.
- Zuev V. A.** see Kovina M. V. et al. 12 : 883—886.
- Zyumchenko N. E.** see Anisimov A. P., Zyumchenko N. E. 2 : 165—175.