

Complete Publication List – Laboratory for diagnostics of autoimmune diseases, Saint-Petersburg, Russia

First Results of The Use of Inclisiran in Patients with Dyslipidemia in Real Clinical Practice

Polyakova E. A., Khalimov Yu. Sh., Lapin S. V., Bakher T. M., Mazing A. V., Musonova A.K., Nazarov V.D.

Journal of clinical cardiology interventions, 2025; 5(2). DOI: [10.61148/2836-077X/JCCI/054](https://doi.org/10.61148/2836-077X/JCCI/054).

Molecular Diagnostics of Oncological Disease: Prospects for the Development of a Reference Material for the HER2 Gene Content.

Vonsky M., Runov A., Goryachaya T., Koltsova A., Kurchakova E., Nazarov V., Lapin S., Mazing A., Emanuel V.

In: Sobina, E.P., et al. Reference Materials in Measurement and Technology . RMMT 2022. Springer, Cham. https://doi.org/10.1007/978-3-031-49200-6_7
Conference paper. First Online: 06 February 2024

Circulating CD8+ T Cell Subsets in Primary Sjögren's Syndrome.

Kudryavtsev I, Benevolenskaya S, Serebriakova M, Grigor'yeva I, Kuvardin E, Rubinstein A, Golovkin A, Kalinina O, Zaikova E, Lapin S, Maslyanskiy A.

Biomedicines. 2023 Oct 13;11(10):2778. doi: [10.3390/biomedicines11102778](https://doi.org/10.3390/biomedicines11102778) PMID: 37893153

Identification of autoimmune markers in pulmonary tuberculosis.

Starshinova A, Malkova A, Zinchenko Y, Kudryavtsev I, Serebriakova M, Akisheva T, Lapin S, Mazing A, Kudlay D, Glushkova A, Yablonskiy P, Shoenfeld Y.

Front Immunol. 2023 Jan 25;13:1059714. doi: [10.3389/fimmu.2022.1059714](https://doi.org/10.3389/fimmu.2022.1059714)

Levamisole-associated multifocal inflammatory encephalopathy: clinical and MRI characteristics, and diagnostic algorithm.

N, Tatarenko A, Nechaev V, Manuylova O, Lapin S, Brylev L, Guekht A.

Mult Scler Relat Disord. 2023 Jan;69:104418. doi: [10.1016/j.msard.2022.104418](https://doi.org/10.1016/j.msard.2022.104418)

Laboratory characteristics of cytokine storm syndrome in COVID-19 infection.

Olga Y. Tkachenko, Margarita Y. Pervakova, and Sergey V. Lapin

In: Future of autoimmunity research: Autoimmunity, CODID-19, postCODID19 syndrome and COVID-19 vaccination. Volume 1. Edited by Yehuda Shoenfeld and Arad Dotan. 2022. <https://shop.elsevier.com/books/autoimmunity-covid-19-post-covid19-syndrome-and-covid-19-vaccination/shoenfeld/978-0-443-18566-3>

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A retrospective analysis of colchicine in combination with NSAIDs therapy in patients with systemic form of adult-onset Still's disease with serositis.

Myachikova V, Moiseeva O, Konradi A, Lapin SV, Tkachenko O, Nazarov V, Feist E, Maslyanskiy A.

Clin Exp Rheumatol. 2022 Sep;40(8):1474-1479. doi: [10.55563/clinexprheumatol/1o41c8](https://doi.org/10.55563/clinexprheumatol/1o41c8)

Detection of Anti-Vimentin Antibodies in Patients with Sarcoidosis.

Starshinova A, Malkova A, Zinchenko U, Lapin S, Mazing A, Kudlay D, Yablonskiy P, Shoenfeld Y.

Diagnostics (Basel). 2022 Aug 11;12(8):1939. doi: [10.3390/diagnostics12081939](https://doi.org/10.3390/diagnostics12081939)

Is paravertebral muscles edema a consequence of neurogenic changes in MuSK-positive myasthenia gravis?

Bardakov SN, Tsargush VA, Carlier PG, Duc TM, Emelin AY, Polushin AY, Emelyantsev AA, Belskikh AN, Berezhnaya EN, Lapin SV, Moshnikova AN, Deev RV.

Acta Myol. 2022 Dec 31;41(4):178-187. doi: [10.36185/2532-1900-082](https://doi.org/10.36185/2532-1900-082)

Inflammatory and autoimmune predictive markers of response to anti-PD-1/PD-L1 therapy in NSCLC and melanoma.

Musaelyan AA, Lapin SV, Urtenova MA, Odintsova SV, Chistyakov IV, Ulitin AM, Akopov AL, Orlov SV.

Exp Ther Med. 2022 Jul 5;24(3):557. doi: [10.3892/etm.2022.11495](https://doi.org/10.3892/etm.2022.11495)

The Novel Diagnostic Index Based on HLA-DRB1 Genotype and PD-L1 Expression can Predict Severe irAEs in Patients with Metastatic Melanoma Taking Immune Checkpoint Inhibitors.

Zhukova N, Orlova R, Malkova A, Kaledina E, Demchenkova A, Naimushina P, Nazarov V, Mazing A, Lapin S, Belyak N, Shoenfeld Y. The Results of the Pilot Study.

Crit Rev Immunol. 2022;42(3):1-9. doi: [10.1615/CritRevImmunol.2022045956](https://doi.org/10.1615/CritRevImmunol.2022045956) PMID: 37017622.

Gastroenterological symptoms in a new coronavirus infection in children and the cytokine status

Shakmaeva M., Polunina A., Ivanov D., Timchenko V., Bannova S., Gurina O., Blinov A., Varlamova O., Pochinyaeva L., Klikunova K., Lapin S., Novikova V.

40 th annual meeting of the European society for paediatric infectious diseases. Abstract book. 2022. C. EP516.

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T- and B-cell subsets as additional diagnostic tool for primary Sjogren's syndrome and systemic lupus erythematosus

Benevolenskaia S., Kudryavtsev I., Maria M., Serebryakova M., Budkova A., Grigor'eva I., Kuvardin E., Koniakhin S., Zammoeva D., Motorin D., Lapin S., Maslyanskiy A.

Annals of the Rheumatic Diseases 81(Suppl 1):1151-1152, May 2022. [ResearchGate](#)

The Novel Diagnostic Index Based on HLA-DRB1 Genotype and PD-L1 Expression can Predict Severe irAEs in Patients with Metastatic Melanoma Taking Immune Checkpoint Inhibitors. The Results of the Pilot Study.

Zhukova N, Orlova R, Malkova A, Kaledina E, Demchenkova A, Naimushina P, Nazarov V, Mazing A, Lapin S, Belyak N, Shoenfeld Y.

Crit Rev Immunol. 2022;42(3):1-9. doi: [10.1615/CritRevImmunol.2022045956](#). PMID: 37017622.

Molecular markers as predictors of response to perioperative FLOT chemotherapy in gastric cancer

Oganyan K., Musaelyan A.A., Lapin S., Kupenskaya T., Svechkova A., Belyaev M., Zakharenko A., Orlov S.

Annals of Oncology, Volume 33, Supp 8, S1402, October 2022. [ResearchGate](#)

Usefulness of traditional and novel biomarkers for evaluation of adult-onset Still's disease activity

Myachikova V., Kuvardin E., Zotkina K., Tkachenko O., Lapin S., Maslyanskiy A.

Annals of the Rheumatic Diseases 81(Suppl 1):1010.1-1010, June 2022. [ResearchGate](#)

Peroral endoscopic myotomy in a pregnant woman diagnosed with mitochondrial disease: A case report.

Smirnov AA, Kiriltseva MM, Lyubchenko ME, Nazarov VD, Botina AV, Burakov AN, Lapin SV.

World J Gastrointest Endosc. 2021 May 16;13(5):155-160. doi: [10.4253/wjge.v13.i5.155](#) PMID: 34046152

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Graft-versus-Host Disease Prophylaxis with Post-Transplantation Bendamustine in Patients with Refractory Acute Leukemia: A Dose-Ranging Study.

Moiseev I, Bondarenko S, Morozova E, Vlasova Y, Dotsenko A, Epifanovskaya O, Babenko E, Botina A, Baykov V, Surkova E, Lapin S, Beynarovich A, Borzenkova E, Golosgchapov O, Kanunnikov M, Kudyasheva O, Ovechkina V, Pirogova O, Porunova V, Rudakova T, Smikova O, Smirnova A, Afansyev B.

Transplant Cell Ther. 2021 Jul;27(7):601.e1-601.e7. doi: [10.1016/j.jtct.2021.03.032](https://doi.org/10.1016/j.jtct.2021.03.032) Epub 2021 May 7. PMID: 33845259

A Prospective Pilot Study of Graft-versus-Host Disease Prophylaxis with Post-Transplantation Cyclophosphamide and Ruxolitinib in Patients with Myelofibrosis.

Morozova EV, Barabanshikova MV, Moiseev IS, Shakirova AI, Barhatov IM, Ushal IE, Rodionov GG, Moiseev SI, Surkova EA, Lapin SV, Vlasova JJ, Rudakova TA, Darskaya EI, Baykov VV, Alyanski AL, Bondarenko SN, Afanasyev BV.

Acta Haematol. 2021;144(2):158-165. doi: [10.1159/000506758](https://doi.org/10.1159/000506758) Epub 2020 Apr 23. PMID: 32325461.

Clinical and morphological pattern of malignant tumors with microsatellite instability (MSI)

Musaelyan A.A., Lapin S., Nazarov V., , Vorobyev S., Zakharenko A., Orlov S.V.

Annals of Oncology Volume 32:S1349. October 2021. [ResearchGate](https://www.researchgate.net/publication/357144441)

Predictive immunological markers of anti-PD-1/PD-L1 therapy efficacy in non-small cell lung cancer

Musaelyan A.A., Lapin S.V., Urtenova M.A., Chistyakov I.V., Nazarov V.D., Akopov A.L., Orlov S.V.

Annals of Oncology 32:S1382, December 2021. [ResearchGate](https://www.researchgate.net/publication/357144441)

Long-term outcomes of ruxolitinib therapy in steroid-refractory graft-versus-host disease in children and adults.

Moiseev IS, Morozova EV, Bykova TA, Paina OV, Smirnova AG, Dotsenko AA, Borzenkova ES, Galimov AN, Gudognikova YV, Ekushov KA, Kozhokar PV, Osipova AA, Pirogova OV, Rudakova TA, Klimova OU, Tsvetkov NY, Kulagin EA, Surkova EA, Lapin SV, Rodionov GG, Moiseev SI, Serov YA, Zubarovskaya LS, Afanasyev BV.

Bone Marrow Transplant. 2020 Jul;55(7):1379-1387. doi: [10.1038/s41409-020-0834-4](https://doi.org/10.1038/s41409-020-0834-4)

Interpretation of Laboratory Tests in a Geriatric Patient with Rheumatic Disease.

Lapin, S.V. In: Slobodin, G., Shoenfeld, Y. (eds)

Rheumatic Disease in Geriatrics . Springer, Cham. 2020.

https://doi.org/10.1007/978-3-030-44234-7_10

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High Serum Level of IL-17 in Patients with Chronic Obstructive Pulmonary Disease and the Alpha-1 Antitrypsin PiZ Allele.

Pervakova MY, Mazing AV, Lapin SV, Tkachenko OY, Budkova AI, Surkova EA, Emanuel VL, Titova ON.

Pulm Med. 2020 Jan 30;2020:9738032. doi: [10.1155/2020/9738032](https://doi.org/10.1155/2020/9738032) PMID: 32089881

High prevalence of CD3, NK, and NKT cells in the graft predicts adverse outcome after matched-related and unrelated transplantations with post transplantation cyclophosphamide.

Moiseev IS, Babenko EV, Epifanovskaya OS, Sergeev VS, Dotcenko AA, Bakin EA, Surkova EA, Kuznetsova DA, Lapin SV, Pirogova OV, Alyanskii AL, Golovacheva AA, Darskaya EI, Morozova EV, Markova IV, Bondarenko SN, Afanasyev BV.

Bone Marrow Transplant. 2020 Mar;55(3):544-552. doi: [10.1038/s41409-019-0665-3](https://doi.org/10.1038/s41409-019-0665-3) Epub 2019 Sep 20. PMID: 31541204.

Profiling of non-criteria antiphospholipid antibodies in patients with SLE: differentiation of thrombotic SLE patients and risk of recurrence of thrombosis.

Tkachenko O, Lapin S, Mazing A, Emanuel V, Belolipetskaia E, Beliaeva I, Myachikova V, Maslyansky A, Schierack P, Roggenbuck D.

Lupus. 2020 Apr;29(5):490-498. doi: [10.1177/0961203320909952](https://doi.org/10.1177/0961203320909952) Epub 2020 Mar 4. Erratum in: Lupus. 2020 Oct;29(12):1655. PMID: 32131675.

Automated Fecal Biomarker Profiling - a Convenient Procedure to Support Diagnosis for Patients with Inflammatory Bowel Diseases.

Kraemer A, Bulgakova T, Schukina O, Kharitidis A, Kharitonov A, Korostovtseva E, Hammar F, Bang H, Lapin S.

Clin Lab. 2020 Jul 1;66(7). doi: [10.7754/Clin.Lab.2020.191029](https://doi.org/10.7754/Clin.Lab.2020.191029) PMID: 32658433.

Interrelations of increased axial spondyloarthritis activity and the serum concentration of immunoglobulin a to CD74 with genetic polymorphisms of interleukin 17 alleles

Vasilenko E., Korolev M., Lapin S., Kholopova I., Dadalova A., Mazurov V., Gaydukova I.

Annals of the Rheumatic Diseases. 2020. 79(Suppl 1):1314.2-1314.
DOI:[10.1136/annrheumdis-2020-eular.4998](https://doi.org/10.1136/annrheumdis-2020-eular.4998)

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Adult onset Stills disease and idiopathic recurrent pericarditis: are the more similarities or differences?

Myachikova V., Moiseeva O., Kuvardin E., Lapin S., Tkachenko O., Nazarov V., Maslyanskiy A.

Annals of the Rheumatic Diseases 79(Suppl 1):1224.2-1224. June 2020. [ResearchGate](#)

Immunoglobulin A for CD74 as an alternative laboratory marker for determining the activity of axial spondyloarthritis

Vasilenko E., Mazurov V., Lapin S., Kholopova I., Dadalova A.

Annals of the Rheumatic Diseases 79(Suppl 1):904.2-905. June 2020. [ResearchGate](#)

New laboratory criterion for the differential diagnosis of sarcoidosis and pulmonary tuberculosis

Starshinova A., Malkova A., Zinchenko U., Basantsova N., Kudryavtsev I., Lapin S., Mazing A., Surkova E., Pavlova M. Belyaeva E., Stepanenko T., Yablonskiy P.

May 2020. Preprint. [ResearchGate](#)

Risk factors for complications and refractory course in patients with ANCA-associated systemic vasculitis

Belyaeva I., Pervakova M., Mazurov V., Inamova O., Lapin S.

Annals of the Rheumatic Diseases 79(Suppl 1):378.2-378. June 2020. [ResearchGate](#)

Influence of HLA-DRB1 susceptibility alleles on the autoantibodies spectrum of systemic lupus erythematosus in European part of Russia.

Tkachenko O, Lapin S, Maslyansky A, Myachikova V, Guseva V, Belolipetskaia E, Belyaeva I, Mazurov V, Ivanova N, Mikhailova L, Gilburd B.

Autoimmun Rev. 2019 May;18(5):558-560. doi: [10.1016/j.autrev.2019.03.013](#)

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Relapsing Evans syndrome and systemic lupus erythematosus with antiphospholipid syndrome treated with Bortezomib in combination with plasma exchange.

Tkachenko O, Lapin S, Maslyansky A, Myachikova V, Mikhailova L, Gilburd B.

Clin Immunol. 2019 Feb;199:44-46. doi: [10.1016/j.clim.2018.12.010](https://doi.org/10.1016/j.clim.2018.12.010) Epub 2018 Dec 10. PMID: 30543928.

Secondary lactose intolerance and cow's milk protein allergy in infants

Novikova V.P., Bogdanova N.M., Prokopyeva N., Lapin S.V., Kuznetsova D.A., Vorontsov P.

Archives of Disease in Childhood. 2019. 104(Suppl 3):A159.2-A160
DOI: [10.1136/archdischild-2019-epa.367](https://doi.org/10.1136/archdischild-2019-epa.367)

Anti-parietal cell antibodies in children with celiac disease. gluten free diet effect

Novikova V.P., Shapovalova N.S., Revnova M.O., Kalinina E.Yu., Lapin S.V., Gurina O.P., Dementieva E.A., Nasyrov R.A.

Archives of Disease in Childhood. 2019. 104(Suppl 3):A21.2-A21.
DOI: [10.1136/archdischild-2019-epa.48](https://doi.org/10.1136/archdischild-2019-epa.48)

Selective screening for celiac disease in children with abdominal pain

Novikova V.P., Shapovalova N.S., Revnova M.O., Lapin S.V., Kalinina E.Yu.

Archives of Disease in Childhood. 2019. 104(Suppl 3):A288.2-A288.
DOI: [10.1136/archdischild-2019-epa.676](https://doi.org/10.1136/archdischild-2019-epa.676)

Detection of various autoantibodies in patients with pulmonary sarcoidosis

Zinchenko U., Starshinova A., Basantsova N., Malkova A., Surkova E., Lapin S., Gildburd B., Churilov L., Yablonskiy P.

European Respiratory Journal, vol. 54, no. S63, PA1380. 2019.
DOI: [10.1183/13993003.congress-2019.PA1380](https://doi.org/10.1183/13993003.congress-2019.PA1380)

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Autoantibodies to vimentin different modifications in patients with tuberculosis and different granulomatous lung diseases

Malkova A., Starshinova A., Lapin S., Surkova E., Zinchenko Ju., Basantsova N., Gildburg B., Yablonskiy P.

European Respiratory Journal, vol. 54, no. S63, PA3016. 2019.

DOI: [10.1183/13993003.congress-2019.PA3016](https://doi.org/10.1183/13993003.congress-2019.PA3016)

Ferritin/C-Reactive Protein Ratio is Useful in Distinguishing Secondary Hemophagocytic Lymphohistecytosis and Sepsis

Titov A., Potapenko V., Pervakova M., Lapin S., Klimovich A., Pavluchenko E., Karev V., Potikhonova N., Medvedeva N.

Clinical Lymphoma, Myeloma and Leukemia 19:S351. September 2019. [ResearchGate](#)

Neurofilament light chain and oligoclonal bands are prognostic biomarkers in radiologically isolated syndrome.

Matute-Blanch C, Villar LM, Álvarez-Cermeño JC, Rejdak K, Evdoshenko E, Makshakov G, Nazarov V, Lapin S, Midaglia L, Vidal-Jordana A, Drulovic J, García-Merino A, Sánchez-López AJ, Havrdova E, Saiz A, Llufrui S, Alvarez-Lafuente R, Schroeder I, Zettl UK, Galimberti D, Ramió-Torrentà L, Robles R, Quintana E, Hegen H, Deisenhammer F, Río J, Tintoré M, Sánchez A, Montalban X, Comabella M.

Brain. 2018 Apr 1;141(4):1085-1093. doi: [10.1093/brain/awy021](https://doi.org/10.1093/brain/awy021)

Concentrations of immunoglobulin free light chains in cerebrospinal fluid predict increased level of brain atrophy in multiple sclerosis.

Nazarov V, Makshakov G, Kalinin I, Lapin S, Surkova E, Mikhailova L, Gilburd B, Skoromets A, Evdoshenko E.

Immunol Res. 2018 Dec;66(6):761-767. doi: [10.1007/s12026-018-9058-8](https://doi.org/10.1007/s12026-018-9058-8) PMID: 30635824.

Vimentin as antigenic target in autoimmunity: A comprehensive review.

Musaelyan A, Lapin S, Nazarov V, Tkachenko O, Gilburd B, Mazing A, Mikhailova L, Shoenfeld Y.

Autoimmun Rev. 2018 Sep;17(9):926-934. doi: [10.1016/j.autrev.2018.04.004](https://doi.org/10.1016/j.autrev.2018.04.004)

The Role of Assay of Free Immunoglobulin Light Chains in the Diagnosis of the Onset of Multiple Sclerosis.

Nazarov, V.D., Makshakov, G.S., Mazing, A.V. et al.

Neurosci Behav Physi 48, 680–685 (2018). <https://doi.org/10.1007/s11055-018-0617-1>

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Autoreactivity in patients with respiratory sarcoidosis

Zinchenko U., Starshinova A., Denisova N., Lapin S., Mazing A., Surkova E., Yablonskii P.
European Respiratory Journal, Supplement. 2018. T. 52. № S62. C. PA5212.

Adipokines and cytokines in the pathogenesis of psoriasis and metabolic disorders

Khobeysh M., Sysoev K., Sokolovskiy E., Lapin S.
Annals of the Rheumatic Diseases 77(Suppl 2):1233.1-1233. June 2018. [ResearchGate](#)

Antibodies to phosphatidylserine-prothrombin complex and annexin V as risk factors for the development of thrombotic complications in patients with systemic lupus erythematosus

Belolipetskaia E., Beliaeva I., Mazurov V., Lapin S., Tkachenko O., Guseva V., Inamova O.
Annals of the Rheumatic Diseases 77(Suppl 2):392.2-392. June 2018. [ResearchGate](#)

Clinical significance of the detection of HLA-DRB1 alleles in patients with systemic lupus erythematosus

Belolipetskaia E., Beliaeva I., Mazurov V., Lapin S., Tkachenko O., Guseva V., Inamova O.
Annals of the Rheumatic Diseases 77(Suppl 2):1438.1-1438. June 2018. [ResearchGate](#)

Diagnostic value of anti-CD74 autoantibodies in axial spondyloarthritis and axial psoriatic arthritis. Results of open-label, cross-sectional, controlled, multicenter progress study

Gaydukova I.Z., Rebrov A., Maslyanskiy A., Lapin S., Vasilenko E., Mazurov V.
Annals of the Rheumatic Diseases 77(Suppl 2):348.1-348. June 2018. [ResearchGate](#)

Autoreactivity in patients with respiratory sarcoidosis.

Zinchenko U., Starshinova A., Denisova N., Lapin S., Mazing A., Surkova E., Yablonskii P.
Conference: ERS International Congress 2018 abstracts. September 2018. [ResearchGate](#)

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Profiles of pro-inflammatory cytokines in allogenic stem cell transplantation with post-transplant cyclophosphamide.

Pirogova OV, Moiseev IS, Surkova EA, Lapin SV, Bondarenko SN, Kulagin AD, Afanasyev BV.

Cytokine. 2017 Nov; 99:148-153. doi: [10.1016/j.cyto.2017.08.016](https://doi.org/10.1016/j.cyto.2017.08.016) Epub 2017 Sep 9. PMID: 28898706

Current concepts of the intrathecal humoral immune response and the diagnostic significance of the detection of oligoclonal immunoglobulins in multiple sclerosis

Makshakov G.S., Evdoshenko E.P., Lapin S.V.

Neuroscience and Behavioral Physiology. 2017. T. 47. № 5. C. 534-539.

Clinical Correlates and Prognostic Significance of IL-8, sIL-2R, and Immunoglobulin-Free Light Chain Levels in Patients with Myelofibrosis

Barabanshikova MV, Dubina IA, Lapin SV, Morozova EV, Vlasova JJ, Ivanova MO, Moiseev IS, Afanasyev BV.

Oncol Res Treat. 2017;40(10):574-578. doi: [10.1159/000477253](https://doi.org/10.1159/000477253) Epub 2017 Sep 21. PMID: 28946149

Prevalence of autoimmune gastritis in children with celiac disease according to enzyme-linked immunosorbent assay and indirect immunofluorescence reaction

Novikova V.P., Revnova M.O., Shapovalova N.S., Kalinina E.Yu., Lapin S.V., Guseva V.I., Gurina O.P., Dementieva E.A., Nasyrov R.A.

Archives of Disease in Childhood 102(Suppl 2):A127.1-A127. June 2017. [ResearchGate](https://www.researchgate.net/publication/317111111)

Leptomeningeal Contrast Enhancement Is Associated with Disability Progression and Grey Matter Atrophy in Multiple Sclerosis.

Makshakov G, Magonov E, Totolyan N, Nazarov V, Lapin S, Mazing A, Verbitskaya E, Trofimova T, Krasnov V, Shumilina M, Skoromets A, Evdoshenko E.

Neurol Res Int. 2017;2017:8652463. doi: [10.1155/2017/8652463](https://doi.org/10.1155/2017/8652463) Epub 2017 Oct 2. PMID: 29291134

Current Concepts of the Intrathecal Humoral Immune Response and the Diagnostic Significance of the Detection of Oligoclonal Immunoglobulins in Multiple Sclerosis

Makshakov G.S., Lapin S.V., Evdoshenko E.P.

Neurosci Behav Physi 47, 534–539 (2017). [ResearchGate](https://www.researchgate.net/publication/317111111)

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Prevalence of leptomeningeal foci of gadolinium enhancement in multiple sclerosis and its relationship to the disease severity

Makshakova G., Nazarov V., Magonovd E., Lapin S., Trofimova T., Shumilina M., Totolyan N., Skoromets A., Evdoshenko E.

Journal of the Neurological Sciences 381:782-783. October 2017. [ResearchGate](#)

Prognostic significance of free light chains for long-term and short term disability progression in multiple sclerosis

Nazarov V., Makshakov G., Lapin S., Evdoshenko E., Surkova E.

Journal of the Neurological Sciences 381:789. October 2017. [ResearchGate](#)

The diagnostic value of alpha-1-antitrypsin phenotype in systemic vasculitis

Belyaeva I., Chudinov A., Pervakova M., Mazurov V., Lapin S., Inamova O.

Annals of the Rheumatic Diseases 76(Suppl 2):611.2-611. June 2017. [ResearchGate](#)

Immunogenicity of Human Interferon-Beta-Containing Pharmaceuticals.

Nazarov VD, Lapin SV, Mazing AV, Evdoshenko EP, Totolian AA.

Biochemistry (Mosc). 2016 Nov;81(11):1396-1400. DOI: [10.1134/S000629791611016X](#)
PMID: 27914464

The effects of intrathecal rituximab on biomarkers in multiple sclerosis.

Topping J, Dobson R, Lapin S, Maslyanskiy A, Kropshofer H, Leppert D, Giovannoni G1, Evdoshenko E.

Mult Scler Relat Disord. 2016 Mar;6:49-53. doi: [10.1016/j.msard.2016.01.001](#). Epub 2016 Jan 19. PMID: 27063622

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Serum neurofilament light chain levels are increased in patients with a clinically isolated syndrome.

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