

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

1.	<p><b><u>Molecular Diagnostics of Oncological Disease: Prospects for the Development of a Reference Material for the HER2 Gene Content.</u></b></p> <p>Vonsky M., Runov A., Goryachaya T., Koltsova A., Kurchakova E., Nazarov V., Lapin S., Mazing A., Emanuel V.</p> <p>In: Sobina, E.P., et al. Reference Materials in Measurement and Technology . RMMT 2022. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-49200-6_7">https://doi.org/10.1007/978-3-031-49200-6_7</a> Conference paper. First Online: 06 February 2024</p>
2.	<p><b><u>Circulating CD8+ T Cell Subsets in Primary Sjögren's Syndrome.</u></b></p> <p>Kudryavtsev I, Benevolenskaya S, Serebriakova M, Grigor'yeva I, Kuvardin E, Rubinstein A, Golovkin A, Kalinina O, Zaikova E, Lapin S, Maslyanskiy A.</p> <p>Biomedicines. 2023 Oct 13;11(10):2778. doi: <a href="https://doi.org/10.3390/biomedicines11102778">10.3390/biomedicines11102778</a> PMID: 37893153</p>
3.	<p><b><u>Identification of autoimmune markers in pulmonary tuberculosis.</u></b></p> <p>Starshinova A, Malkova A, Zinchenko Y, Kudryavtsev I, Serebriakova M, Akisheva T, Lapin S, Mazing A, Kudlay D, Glushkova A, Yablonskiy P, Shoenfeld Y.</p> <p>Front Immunol. 2023 Jan 25;13:1059714. doi: <a href="https://doi.org/10.3389/fimmu.2022.1059714">10.3389/fimmu.2022.1059714</a></p>
4.	<p><b><u>Levamisole-associated multifocal inflammatory encephalopathy: clinical and MRI characteristics, and diagnostic algorithm.</u></b></p> <p>N, Tatarenko A, Nechaev V, Manuylova O, Lapin S, Brylev L, Guekht A.</p> <p>Mult Scler Relat Disord. 2023 Jan;69:104418. doi: <a href="https://doi.org/10.1016/j.msard.2022.104418">10.1016/j.msard.2022.104418</a></p>
5.	<p><b><u>Laboratory characteristics of cytokine storm syndrome in COVID-19 infection.</u></b></p> <p>Olga Y. Tkachenko, Margarita Y. Pervakova, and Sergey V. Lapin</p> <p>In: Future of autoimmunity research: Autoimmunity, CODID-19, postCODID19 syndrome and COVID-19 vaccination. Volume 1. Edited by Yehuda Shoenfeld and Arad Dotan. 2022. <a href="https://shop.elsevier.com/books/autoimmunity-covid-19-post-covid19-syndrome-and-covid-19-vaccination/shoenfeld/978-0-443-18566-3">https://shop.elsevier.com/books/autoimmunity-covid-19-post-covid19-syndrome-and-covid-19-vaccination/shoenfeld/978-0-443-18566-3</a></p>
6.	<p><b><u>A retrospective analysis of colchicine in combination with NSAIDs therapy in patients with systemic form of adult-onset Still's disease with serositis.</u></b></p> <p>Myachikova V, Moiseeva O, Konradi A, Lapin SV, Tkachenko O, Nazarov V, Feist E, Maslyanskiy A.</p> <p>Clin Exp Rheumatol. 2022 Sep;40(8):1474-1479. doi: <a href="https://doi.org/10.55563/clinexprheumatol/1o41c8">10.55563/clinexprheumatol/1o41c8</a></p>

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7.	<p><b><u>Detection of Anti-Vimentin Antibodies in Patients with Sarcoidosis.</u></b></p> <p>Starshinova A, Malkova A, Zinchenko U, Lapin S, Mazing A, Kudlay D, Yablonskiy P, Shoenfeld Y.</p> <p>Diagnostics (Basel). 2022 Aug 11;12(8):1939. doi <a href="https://doi.org/10.3390/diagnostics12081939">10.3390/diagnostics12081939</a></p>
8.	<p><b><u>Is paravertebral muscles edema a consequence of neurogenic changes in MuSK-positive myasthenia gravis?</u></b></p> <p>Bardakov SN, Tsargush VA, Carlier PG, Duc TM, Emelin AY, Polushin AY, Emelyantsev AA, Belskikh AN, Berezhnaya EN, Lapin SV, Moshnikova AN, Deev RV.</p> <p>Acta Myol. 2022 Dec 31;41(4):178-187. doi: <a href="https://doi.org/10.36185/2532-1900-082">10.36185/2532-1900-082</a></p>
9.	<p><b><u>Inflammatory and autoimmune predictive markers of response to anti-PD-1/PD-L1 therapy in NSCLC and melanoma.</u></b></p> <p>Musaelyan AA, Lapin SV, Urtenova MA, Odintsova SV, Chistyakov IV, Ulitin AM, Akopov AL, Orlov SV.</p> <p>Exp Ther Med. 2022 Jul 5;24(3):557. doi: <a href="https://doi.org/10.3892/etm.2022.11495">10.3892/etm.2022.11495</a></p>
10.	<p><b><u>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.</u></b></p> <p>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.</p> <p>Crit Rev Immunol. 2022;42(3):1-9. doi: <a href="https://doi.org/10.1615/CritRevImmunol.2022045956">10.1615/CritRevImmunol.2022045956</a> PMID: 37017622.</p>
11.	<p><b><u>Gastroenterological symptoms in a new coronavirus infection in children and the cytokine status</u></b></p> <p>Shakmaeva M., Polunina A., Ivanov D., Timchenko V., Bannova S., Gurina O., Blinov A., Varlamova O., Pochinyaeva L., Klikunova K., Lapin S., Novikova V.</p> <p>40 th annual meeting of the European society for paediatric infectious diseases. Abstract book. 2022. C. EP516.</p>
12.	<p><b><u>T- and B-cell subsets as additional diagnostic tool for primary Sjogren's syndrome and systemic lupus erythematosus</u></b></p> <p>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.</p> <p>Annals of the Rheumatic Diseases 81(Suppl 1):1151-1152, May 2022. <a href="https://www.researchgate.net/publication/360444441">ResearchGate</a></p>

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13.	<p><b><u>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.</u></b></p> <p>Zhukova N, Orlova R, Malkova A, Kaledina E, Demchenkova A, Naimushina P, Nazarov V, Mazing A, Lapin S, Belyak N, Shoenfeld Y.</p> <p>Crit Rev Immunol. 2022;42(3):1-9. doi: <a href="https://doi.org/10.1615/CritRevImmunol.2022045956">10.1615/CritRevImmunol.2022045956</a>. PMID: 37017622.</p>
14.	<p><b><u>Molecular markers as predictors of response to perioperative FLOT chemotherapy in gastric cancer</u></b></p> <p>Oganyan K., Musaelyan A.A., Lapin S., Kupenskaya T., Svechkova A., Belyaev M., Zakharenko A., Orlov S.</p> <p>Annals of Oncology, Volume 33, Supp 8, S1402, October 2022. <a href="#">ResearchGate</a></p>
15.	<p><b><u>Usefulness of traditional and novel biomarkers for evaluation of adult-onset Still's disease activity</u></b></p> <p>Myachikova V., Kuvardin E., Zotkina K., Tkachenko O., Lapin S., Maslyanskiy A.</p> <p>Annals of the Rheumatic Diseases 81(Suppl 1):1010.1-1010, June 2022. <a href="#">ResearchGate</a></p>
16.	<p><b><u>Peroral endoscopic myotomy in a pregnant woman diagnosed with mitochondrial disease: A case report.</u></b></p> <p>Smirnov AA, Kiriltseva MM, Lyubchenko ME, Nazarov VD, Botina AV, Burakov AN, Lapin SV.</p> <p>World J Gastrointest Endosc. 2021 May 16;13(5):155-160. doi: <a href="https://doi.org/10.4253/wjge.v13.i5.155">10.4253/wjge.v13.i5.155</a> PMID: 34046152</p>
17.	<p><b><u>Graft-versus-Host Disease Prophylaxis with Post-Transplantation Bendamustine in Patients with Refractory Acute Leukemia: A Dose-Ranging Study.</u></b></p> <p>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.</p> <p>Transplant Cell Ther. 2021 Jul;27(7):601.e1-601.e7. doi: <a href="https://doi.org/10.1016/j.jtct.2021.03.032">10.1016/j.jtct.2021.03.032</a> Epub 2021 May 7. PMID: 33845259</p>
18.	<p><b><u>A Prospective Pilot Study of Graft-versus-Host Disease Prophylaxis with Post-Transplantation Cyclophosphamide and Ruxolitinib in Patients with Myelofibrosis.</u></b></p>

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	<p>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.</p> <p>Acta Haematol. 2021;144(2):158-165. doi: <a href="https://doi.org/10.1159/000506758">10.1159/000506758</a> Epub 2020 Apr 23. PMID: 32325461.</p>
19.	<p><b><u>Clinical and morphological pattern of malignant tumors with microsatellite instability (MSI)</u></b></p> <p>Musaelyan A.A., Lapin S., Nazarov V., , Vorobyev S., Zakharenko A., Orlov S.V.</p> <p>Annals of Oncology Volume 32:S1349. October 2021. <a href="#">ResearchGate</a></p>
20.	<p><b><u>Predictive immunological markers of anti-PD-1/PD-L1 therapy efficacy in non-small cell lung cancer</u></b></p> <p>Musaelyan A.A., Lapin S.V., Urtenova M.A., Chistyakov I.V., Nazarov V.D., Akopov A.L., Orlov S.V.</p> <p>Annals of Oncology 32:S1382, December 2021. <a href="#">ResearchGate</a></p>
21.	<p><b><u>Long-term outcomes of ruxolitinib therapy in steroid-refractory graft-versus-host disease in children and adults.</u></b></p> <p>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, Tcvetkov NY, Kulagin EA, Surkova EA, Lapin SV, Rodionov GG, Moiseev SI, Serov YA, Zubarovskaya LS, Afanasyev BV.</p> <p>Bone Marrow Transplant. 2020 Jul;55(7):1379-1387. doi: <a href="https://doi.org/10.1038/s41409-020-0834-4">10.1038/s41409-020-0834-4</a></p>
22.	<p><b><u>Interpretation of Laboratory Tests in a Geriatric Patient with Rheumatic Disease.</u></b></p> <p>Lapin, S.V. In: Slobodin, G., Shoenfeld, Y. (eds)</p> <p>Rheumatic Disease in Geriatrics . Springer, Cham. 2020.</p> <p><a href="https://doi.org/10.1007/978-3-030-44234-7_10">https://doi.org/10.1007/978-3-030-44234-7_10</a></p>
23.	<p><b><u>High Serum Level of IL-17 in Patients with Chronic Obstructive Pulmonary Disease and the Alpha-1 Antitrypsin PiZ Allele.</u></b></p> <p>Pervakova MY, Mazing AV, Lapin SV, Tkachenko OY, Budkova AI, Surkova EA, Emanuel VL, Titova ON.</p> <p>Pulm Med. 2020 Jan 30;2020:9738032. doi: <a href="https://doi.org/10.1155/2020/9738032">10.1155/2020/9738032</a> PMID: 32089881</p>
24.	<p><b><u>High prevalence of CD3, NK, and NKT cells in the graft predicts adverse outcome after matched-related and unrelated transplantations with post transplantation cyclophosphamide.</u></b></p>

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	<p>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.</p> <p>Bone Marrow Transplant. 2020 Mar;55(3):544-552. doi: <a href="https://doi.org/10.1038/s41409-019-0665-3">10.1038/s41409-019-0665-3</a> Epub 2019 Sep 20. PMID: 31541204.</p>
25.	<p><b><u>Profiling of non-criteria antiphospholipid antibodies in patients with SLE: differentiation of thrombotic SLE patients and risk of recurrence of thrombosis.</u></b></p> <p>Tkachenko O, Lapin S, Mazing A, Emanuel V, Belolipetskaia E, Beliaeva I, Myachikova V, Maslyansky A, Schierack P, Roggenbuck D.</p> <p>Lupus. 2020 Apr;29(5):490-498. doi: <a href="https://doi.org/10.1177/0961203320909952">10.1177/0961203320909952</a> Epub 2020 Mar 4. Erratum in: Lupus. 2020 Oct;29(12):1655. PMID: 32131675.</p>
26.	<p><b><u>Automated Fecal Biomarker Profiling - a Convenient Procedure to Support Diagnosis for Patients with Inflammatory Bowel Diseases.</u></b></p> <p>Kraemer A, Bulgakova T, Schukina O, Kharitidis A, Kharitonov A, Korostovtseva E, Hammar F, Bang H, Lapin S.</p> <p>Clin Lab. 2020 Jul 1;66(7). doi: <a href="https://doi.org/10.7754/Clin.Lab.2020.191029">10.7754/Clin.Lab.2020.191029</a> PMID: 32658433.</p>
27.	<p><b><u>Interrelations of increased axial spondyloarthritis activity and the serum concentration of immunoglobulin a to CD74 with genetic polymorphisms of interleukin 17 alleles</u></b></p> <p>Vasilenko E., Korolev M., Lapin S., Kholopova I., Dadalova A., Mazurov V., Gaydukova I.</p> <p>Annals of the Rheumatic Diseases. 2020. 79(Suppl 1):1314.2-1314. DOI:<a href="https://doi.org/10.1136/annrheumdis-2020-eular.4998">10.1136/annrheumdis-2020-eular.4998</a></p>
28.	<p><b><u>Adult onset Stills disease and idiopathic recurrent pericarditis: are the more similarities or differences?</u></b></p> <p>Myachikova V., Moiseeva O., Kuvardin E., Lapin S., Tkachenko O., Nazarov V., Maslyanskiy A.</p> <p>Annals of the Rheumatic Diseases 79(Suppl 1):1224.2-1224. June 2020. <a href="https://www.researchgate.net/publication/342844112">ResearchGate</a></p>
29.	<p><b><u>Immunoglobulin A for CD74 as an alternative laboratory marker for determining the activity of axial spondyloarthritis</u></b></p> <p>Vasilenko E., Mazurov V., Lapin S., Kholopova I., Dadalova A.</p> <p>Annals of the Rheumatic Diseases 79(Suppl 1):904.2-905. June 2020. <a href="https://www.researchgate.net/publication/342844112">ResearchGate</a></p>

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30.	<p><b><u>New laboratory criterion for the differential diagnosis of sarcoidosis and pulmonary tuberculosis</u></b></p> <p>Starshinova A., Malkova A., Zinchenko U., Basantsova N., Kudryavtsev I., Lapin S., Mazing A., Surkova E., Pavlova M. Belyaeva E., Stepanenko T., Yablonskiy P.</p> <p>May 2020. Preprint. <a href="#">ResearchGate</a></p>
31.	<p><b><u>Risk factors for complications and refractory course in patients with ANCA-associated systemic vasculitis</u></b></p> <p>Belyaeva I., Pervakova M., Mazurov V., Inamova O., Lapin S.</p> <p>Annals of the Rheumatic Diseases 79(Suppl 1):378.2-378. June 2020. <a href="#">ResearchGate</a></p>
32.	<p><b><u>Influence of HLA-DRB1 susceptibility alleles on the autoantibodies spectrum of systemic lupus erythematosus in European part of Russia.</u></b></p> <p>Tkachenko O, Lapin S, Maslyansky A, Myachikova V, Guseva V, Belolipetskaia E, Belyaeva I, Mazurov V, Ivanova N, Mikhailova L, Gilburd B.</p> <p>Autoimmun Rev. 2019 May;18(5):558-560. doi: <a href="https://doi.org/10.1016/j.autrev.2019.03.013">10.1016/j.autrev.2019.03.013</a></p>
33.	<p><b><u>Relapsing Evans syndrome and systemic lupus erythematosus with antiphospholipid syndrome treated with Bortezomib in combination with plasma exchange.</u></b></p> <p>Tkachenko O, Lapin S, Maslyansky A, Myachikova V, Mikhailova L, Gilburd B.</p> <p>Clin Immunol. 2019 Feb;199:44-46. doi: <a href="https://doi.org/10.1016/j.clim.2018.12.010">10.1016/j.clim.2018.12.010</a> Epub 2018 Dec 10. PMID: 30543928.</p>
34.	<p><b><u>Secondary lactose intolerance and cow's milk protein allergy in infants</u></b></p> <p>Novikova V.P., Bogdanova N.M., Prokopyeva N., Lapin S.V., Kuznetsova D.A., Vorontsov P.</p> <p>Archives of Disease in Childhood. 2019. 104(Suppl 3):A159.2-A160 DOI:<a href="https://doi.org/10.1136/archdischild-2019-epa.367">10.1136/archdischild-2019-epa.367</a></p>
35.	<p><b><u>Anti-parietal cell antibodies in children with celiac disease. guten free diet effect</u></b></p> <p>Novikova V.P., Shapovalova N.S., Revnova M.O., Kalinina E.Yu., Lapin S.V., Gurina O.P., Dementieva E.A., Nasyrov R.A.</p>

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	<p>Archives of Disease in Childhood. 2019. 104(Suppl 3):A21.2-A21. DOI:<a href="https://doi.org/10.1136/archdischild-2019-epa.48">10.1136/archdischild-2019-epa.48</a></p>
36.	<p><b><u>Selective screening for celiac disease in children with abdominal pain</u></b></p> <p>Novikova V.P., Shapovalova N.S., Revnova M.O., Lapin S.V., Kalinina E.Yu.</p> <p>Archives of Disease in Childhood. 2019. 104(Suppl 3):A288.2-A288. DOI:<a href="https://doi.org/10.1136/archdischild-2019-epa.676">10.1136/archdischild-2019-epa.676</a></p>
37.	<p><b><u>Detection of various autoantibodies in patients with pulmonary sarcoidosis</u></b></p> <p>Zinchenko U., Starshinova A., Basantsova N., Malkova A., Surkova E., Lapin S., Gildburg B., Churilov L., Yablonskiy P.</p> <p>European Respiratory Journal, vol. 54, no. S63, PA1380. 2019. DOI:<a href="https://doi.org/10.1183/13993003.congress-2019.PA1380">10.1183/13993003.congress-2019.PA1380</a></p>
38.	<p><b><u>Autoantibodies to vimentin different modifications in patients with tuberculosis and different granulomatous lung diseases</u></b></p> <p>Malkova A., Starshinova A., Lapin S., Surkova E., Zinchenko Ju., Basantsova N., Gildburg B., Yablonskiy P.</p> <p>European Respiratory Journal, vol. 54, no. S63, PA3016. 2019. DOI:<a href="https://doi.org/10.1183/13993003.congress-2019.PA3016">10.1183/13993003.congress-2019.PA3016</a></p>
39.	<p><b><u>Ferritin/C-Reactive Protein Ratio is Useful in Distinguishing Secondary Hemophagocytic Lymphohistocytosis and Sepsis</u></b></p> <p>Titov A., Potapenko V., Pervakova M., Lapin S., Klimovich A., Pavluchenko E., Karev V., Potikhonova N., Medvedeva N.</p> <p>Clinical Lymphoma, Myeloma and Leukemia 19:S351. September 2019. <a href="https://www.researchgate.net/publication/343111117">ResearchGate</a></p>
40.	<p><b><u>Neurofilament light chain and oligoclonal bands are prognostic biomarkers in radiologically isolated syndrome.</u></b></p> <p>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, Llufríu 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.</p> <p>Brain. 2018 Apr 1;141(4):1085-1093. doi: <a href="https://doi.org/10.1093/brain/awy021">10.1093/brain/awy021</a></p>

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41.	<p><b><u>Concentrations of immunoglobulin free light chains in cerebrospinal fluid predict increased level of brain atrophy in multiple sclerosis.</u></b></p> <p>Nazarov V, Makshakov G, Kalinin I, Lapin S, Surkova E, Mikhailova L, Gilburd B, Skoromets A, Evdoshenko E.</p> <p>Immunol Res. 2018 Dec;66(6):761-767. doi: <a href="https://doi.org/10.1007/s12026-018-9058-8">10.1007/s12026-018-9058-8</a> PMID: 30635824.</p>
42.	<p><b><u>Vimentin as antigenic target in autoimmunity: A comprehensive review.</u></b></p> <p>Musaelyan A, Lapin S, Nazarov V, Tkachenko O, Gilburd B, Mazing A, Mikhailova L, Shoenfeld Y.</p> <p>Autoimmun Rev. 2018 Sep;17(9):926-934. doi: <a href="https://doi.org/10.1016/j.autrev.2018.04.004">10.1016/j.autrev.2018.04.004</a></p>
43.	<p><b><u>The Role of Assay of Free Immunoglobulin Light Chains in the Diagnosis of the Onset of Multiple Sclerosis.</u></b></p> <p>Nazarov, V.D., Makshakov, G.S., Mazing, A.V. et al.</p> <p>Neurosci Behav Physi 48, 680–685 (2018). <a href="https://doi.org/10.1007/s11055-018-0617-1">https://doi.org/10.1007/s11055-018-0617-1</a></p>
44.	<p><b><u>Autoreactivity in patients with respiratory sarcoidosis</u></b></p> <p>Zinchenko U., Starshinova A., Denisova N., Lapin S., Mazing A., Surkova E., Yablonskii P.</p> <p>European Respiratory Journal, Supplement. 2018. T. 52. № S62. C. PA5212.</p>
45.	<p><b><u>Adipokines and cytokines in the pathogenesis of psoriasis and metabolic disorders</u></b></p> <p>Khobeysh M., Sysoev K., Sokolovskiy E., Lapin S.</p> <p>Annals of the Rheumatic Diseases 77(Suppl 2):1233.1-1233. June 2018. <a href="#">ResearchGate</a></p>
46.	<p><b><u>Antibodies to phosphatidylserine-prothrombin complex and annexin V as risk factors for the development of thrombotic complications in patients with systemic lupus erythematosus</u></b></p> <p>Belolipetskaia E., Beliaeva I., Mazurov V., Lapin S., Tkachenko O., Guseva V., Inamova O.</p> <p>Annals of the Rheumatic Diseases 77(Suppl 2):392.2-392. June 2018. <a href="#">ResearchGate</a></p>
47.	<p><b><u>Clinical significance of the detection of HLA-DRB1 alleles in patients with systemic lupus erythematosus</u></b></p>



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	<p>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. <a href="#">ResearchGate</a></p>
48.	<p><b><u>Diagnostic value of anti-CD74 autoantibodies in axial spondyloarthritis and axial psoriatic arthritis. Results of open-label, cross-sectional, controlled, multicenter progress study</u></b></p> <p>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. <a href="#">ResearchGate</a></p>
49.	<p><b><u>Autoreactivity in patients with respiratory sarcoidosis.</u></b></p> <p>Zinchenko U., Starshinova A., Denisova N., Lapin S., Mazing A., Surkova E., Yablonskii P. Conference: ERS International Congress 2018 abstracts. September 2018. <a href="#">ResearchGate</a></p>
50.	<p><b><u>Profiles of pro-inflammatory cytokines in allogenic stem cell transplantation with post-transplant cyclophosphamide.</u></b></p> <p>Pirogova OV, Moiseev IS, Surkova EA, Lapin SV, Bondarenko SN, Kulagin AD, Afanasyev BV. Cytokine. 2017 Nov; 99:148-153. doi: <a href="https://doi.org/10.1016/j.cyto.2017.08.016">10.1016/j.cyto.2017.08.016</a> Epub 2017 Sep 9. PMID: 28898706</p>
51.	<p><b><u>Current concepts of the intrathecal humoral immune response and the diagnostic significance of the detection of oligoclonal immunoglobulins in multiple sclerosis</u></b></p> <p>Makshakov G.S., Evdoshenko E.P., Lapin S.V. Neuroscience and Behavioral Physiology. 2017. T. 47. № 5. C. 534-539.</p>
52.	<p><b><u>Clinical Correlates and Prognostic Significance of IL-8, sIL-2R, and Immunoglobulin-Free Light Chain Levels in Patients with Myelofibrosis</u></b></p> <p>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: <a href="https://doi.org/10.1159/000477253">10.1159/000477253</a> Epub 2017 Sep 21. PMID: 28946149</p>
53.	<p><b><u>Prevalence of autoimmune gastritis in children with celiac disease according to enzyme-linked immunosorbent assay and indirect immunofluorescence reaction</u></b></p>

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	<p>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.</p> <p>Archives of Disease in Childhood 102(Suppl 2):A127.1-A127. June 2017. <a href="#">ResearchGate</a></p>
54.	<p><b><u>Leptomeningeal Contrast Enhancement Is Associated with Disability Progression and Grey Matter Atrophy in Multiple Sclerosis.</u></b></p> <p>Makshakov G, Magonov E, Totolyan N, Nazarov V, Lapin S, Mazing A, Verbitskaya E, Trofimova T, Krasnov V, Shumilina M, Skoromets A, Evdoshenko E.</p> <p>Neurol Res Int. 2017;2017:8652463. doi: <a href="#">10.1155/2017/8652463</a> Epub 2017 Oct 2. PMID: 29291134</p>
55.	<p><b><u>Current Concepts of the Intrathecal Humoral Immune Response and the Diagnostic Significance of the Detection of Oligoclonal Immunoglobulins in Multiple Sclerosis</u></b></p> <p>Makshakov G.S., Lapin S.V., Evdoshenko E.P.</p> <p>Neurosci Behav Physi 47, 534–539 (2017). <a href="#">ResearchGate</a></p>
56.	<p><b><u>Prevalence of leptomeningeal foci of gadolinium enhancement in multiple sclerosis and its relationship to the disease severity</u></b></p> <p>Makshakova G., Nazarov V., Magonovd E., Lapin S., Trofimova T., Shumilina M., Totolyan N., Skoromets A., Evdoshenko E.</p> <p>Journal of the Neurological Sciences 381:782-783. October 2017. <a href="#">ResearchGate</a></p>
57.	<p><b><u>Prognostic significance of free light chains for long-term and short term disability progression in multiple sclerosis</u></b></p> <p>Nazarov V., Makshakov G., Lapin S., Evdoshenko E., Surkova E.</p> <p>Journal of the Neurological Sciences 381:789. October 2017. <a href="#">ResearchGate</a></p>
58.	<p><b><u>The diagnostic value of alpha-1-antitrypsin phenotype in systemic vasculitis</u></b></p> <p>Belyaeva I., Chudinov A., Pervakova M., Mazurov V., Lapin S., Inamova O.</p> <p>Annals of the Rheumatic Diseases 76(Suppl 2):611.2-611. June 2017. <a href="#">ResearchGate</a></p>
59.	<p><b><u>Immunogenicity of Human Interferon-Beta-Containing Pharmaceuticals.</u></b></p> <p>Nazarov VD, Lapin SV, Mazing AV, Evdoshenko EP, Totolian AA.</p> <p>Biochemistry (Mosc). 2016 Nov;81(11):1396-1400. DOI: <a href="#">10.1134/S000629791611016X</a> PMID: 27914464</p>
60.	<p><b><u>The effects of intrathecal rituximab on biomarkers in multiple sclerosis.</u></b></p>

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	<p>Topping J, Dobson R, Lapin S, Maslyanskiy A, Kropshofer H, Leppert D, Giovannoni G1, Evdoshenko E.</p> <p>Mult Scler Relat Disord. 2016 Mar;6:49-53. doi: <a href="https://doi.org/10.1016/j.msard.2016.01.001">10.1016/j.msard.2016.01.001</a>. Epub 2016 Jan 19. PMID: 27063622</p>
61.	<p><b><u>Serum neurofilament light chain levels are increased in patients with a clinically isolated syndrome.</u></b></p> <p>Disanto G, Adiutori R, Dobson R, Martinelli V, Dalla Costa G, Runia T, Evdoshenko E, Thouvenot E, Trojano M, Norgren N, Teunissen ,Kappos L, Giovannoni G, Kuhle J Kuhle J, Disanto G, Dobson R, Adiutori R, Bianchi L, Topping J, Bestwick JP, Meier UC, Dalla Costa G, Runia T, Evdoshenko E, Lazareva N, Thouvenot E, Iaffaldano P, Drenzo V, Khademi M, Piehl F, Comabella M, Sombekke M, Killestein J, Hegen H, Rauch S, D'Alfonso S, Alvarez-Cermeño JC, Kleinová P, Horáková D, Roesler R, Lauda F, Llufríu S, Avsar T, Uygunoglu U, Altintas A, Saip S, Menge T, Rajda C, Bergamaschi R, Moll N, Khalil M, Marignier R, Dujmovic I, Larsson H, Malmestrom C, Scarpini E, Fenoglio C, Wergeland S, Laroni A, Annibaldi V, Romano S, Martínez AD, Carra A, Salvetti M, Uccelli A, Torkildsen Ø, Myhr KM, Galimberti D, Rejdak K, Lycke J, Frederiksen JL, Drulovic J, Confavreux C, Brassat D, Enzinger C, Fuchs S, Bosca I, Pelletier J, Picard C, Colombo E, Franciotta D, Derfuss T, Lindberg RL, Yaldizli Ö, Vécsei L, Kieseier BC, Hartung HP, Villoslada P, Siva A, Saiz A, Tumani H, Havrdová E, Villar LM, Leone M, Barizzone N, Deisenhammer F, Teunissen C, Montalban X, Tintoré M, Olsson T, Trojano M, Lehmann S, Castelnovo G, Lapin S, Hintzen R, Kappos L, Furlan R, Martinelli V, Comi G, Ramagopalan SV, Giovannoni G.</p> <p>J Neurol Neurosurg Psychiatry. 2016 Feb;87(2):126-9. doi: <a href="https://doi.org/10.1136/jnnp-2014-309690">10.1136/jnnp-2014-309690</a>. Epub 2015 Feb 25. PMID: 25716934</p>
62.	<p><b><u>Predictive value of cytokine levels for acute graft-versus-host disease in hematopoietic stem cell transplantation with post-transplant cyclophosphamide</u></b></p> <p>Pirogova O.V., Moiseev I.S., Beklenischev V.V., Surkova E.A., Lapin S.V., Babenko E.V., Alyanskiy A.L., Afanasyev B.V.</p> <p>Cellular Therapy and Transplantation. 2016. T. 5. № 3. C. 64-66.</p>
63.	<p><b><u>Atrophic gastritis in children with celiac disease</u></b></p> <p>Novikova V.P., Revnova M.O., Shapovalova N.S., Azanchevskaya S.V., Kalinina E.Yu., Lapin S.V., Guseva V.I.</p> <p>8th Excellence in Pediatrics Conference - 2016 Book of Abstracts. Cogent Medicine, Volume 3, 2016 - Issue 1. Published online: 07 Dec 2016  <a href="https://doi.org/10.1080/2331205X.2016.1265203">https://doi.org/10.1080/2331205X.2016.1265203</a></p>
64.	<p><b><u>The Diagnostic Value of Alpha-1-Antitrypsin Phenotype in Patients with Granulomatosis with Polyangiitis.</u></b></p> <p>Pervakova MY, Emanuel VL, Titova ON, Lapin SV, Mazurov VI, Belyaeva IB, Chudinov AL, Blinova TV, Surkova EA</p>

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	Int J Rheumatol. 2016;2016:7831410. doi: <a href="https://doi.org/10.1155/2016/7831410">10.1155/2016/7831410</a> Epub 2016 Apr 10. PMID: 27127514
65.	<p><b><u>The Diagnostic Value of alpha-1-antitrypsin Phenotype in Patients with Granulomatosis with Polyangiitis (Wegener's Granulomatosis)</u></b></p> <p>Belyaeva I., Pervakova M., Lapin S., Mazurov V., Chudinov A.</p> <p>Annals of the Rheumatic Diseases 75(Suppl 2):570.1-570. June 2016. <a href="#">ResearchGate</a></p>
66.	<p><b><u>Diagnostic and Prognostic Value of the Cerebrospinal Fluid Concentration of Immunoglobulin Free Light Chains in Clinically Isolated Syndrome with Conversion to Multiple Sclerosis.</u></b></p> <p>Makshakov G, Nazarov V, Kochetova O, Surkova E, Lapin S, Evdoshenko E.</p> <p>PLoS One. 2015 Nov 25;10(11):e0143375. doi: <a href="https://doi.org/10.1371/journal.pone.0143375">10.1371/journal.pone.0143375</a> eCollection 2015. PMID: 26606531</p>
67.	<p><b><u>Restrictive IgG antibody response against mutated citrullinated vimentin predicts response to rituximab in patients with rheumatoid arthritis.</u></b></p> <p>Lindenberg L, Spengler L, Bang H, Dorner T, Maslyanskiy AL, Lapin SV, Ilivanova EI, Martinez-Gamboa L, Bastian H, Wittenborn E, Egerer K, Burmester GR, Feist E.</p> <p>Arthritis Res Ther. 2015 Aug 13;17:206. doi: <a href="https://doi.org/10.1186/s13075-015-0717-z">10.1186/s13075-015-0717-z</a> PMID: 26268352</p>
68.	<p><b><u>Conversion from clinically isolated syndrome to multiple sclerosis: A large multicentre study.</u></b></p> <p>Kuhle J, Disanto G, Dobson R, Adiatori R, Bianchi L, Topping J, Bestwick JP, Meier UC, Marta M, Dalla Costa G, Runia T, Evdoshenko E, Lazareva N, Thouvenot E, Iaffaldano P, Drenzo V, Khademi M, Piehl F, Comabella M, Sombekke M, Killestein J, Hegen H, Rauch S, D'Alfonso S, Alvarez-Cermeño JC, Kleinová P, Horáková D, Roesler R, Lauda F, Llüfriu S, Avsar T, Uygunoglu U, Altintas A, Saip S, Menge T, Rajda C, Bergamaschi R, Moll N, Khalil M, Marignier R, Dujmovic I, Larsson H, Malmestrom C, Scarpini E, Fenoglio C, Wergeland S, Laroni A, Annibali V, Romano S, Martínez AD, Carra A, Salvetti M, Uccelli A, Torkildsen Ø, Myhr KM, Galimberti D, Rejdak K, Lycke J, Frederiksen JL, Drulovic J, Confavreux C, Brassat D, Enzinger C, Fuchs S, Bosca I, Pelletier J, Picard C, Colombo E, Franciotta D, Derfuss T, Lindberg R, Yaldizli Ö, Vécsei L, Kieseier BC, Hartung HP, Villoslada P, Siva A, Saiz A, Tumani H, Havrdová E, Villar LM, Leone M, Barizzone N, Deisenhammer F, Teunissen C, Montalban X, Tintoré M, Olsson T, Trojano M, Lehmann S, Castelnovo G, Lapin S, Hintzen R, Kappos L, Furlan R, Martinelli V, Comi G, Ramagopalan SV, Giovannoni G.</p> <p>Mult Scler. 2015 Jul;21(8):1013-24. doi: <a href="https://doi.org/10.1177/1352458514568827">10.1177/1352458514568827</a> Epub 2015 Feb 13. PMID: 25680984</p>
69.	<p><b><u>Genetic differences HLA-DQ haplotypes in children with celiac disease in St. Petersburg. pilot study</u></b></p> <p>Shapovalova N.S., Revnova M.O., Novikova V.P., Kalinina E.Yu., Lapin S.V., Khlopova I.</p>

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	European Academy of Paediatrics. Congress and MasterCourse 2015. Paediatric Section of U.E.M.S (Union of European Medical Specialists). Abstracts Book. 2015. C. 67
70.	<p><b><u>Prognostic significance of vascular endothelial growth factor and circulating endothelial cells for early and late outcomes of allogeneic hematopoietic stem cell transplantation</u></b></p> <p>Moiseev I.S., Lapin S.V., Surkova E.A., Lerner M.Y., Babenko E.V., Sipol A.A., Vavilov V.N., Afanasyev B.V.</p> <p>Cellular Therapy and Transplantation. 2015. T. 4. № 1-2. C. 38-45.</p>
71.	<p><b><u>Effects of rituximab therapy on elastic properties of vascular wall in patients with progressive systemic sclerosis.</u></b></p> <p>Maslyanskiy AL, Lapin SV, Kolesova EP, Penin IN, Cheshuina MD, Feist E, Konradi AO.</p> <p>Clin Exp Rheumatol. 2014 Nov-Dec;32(6 Suppl 86):S-228. Epub 2014 Jan 30. PMID: 24480389</p>
72.	<p><b><u>P541 Can we predict myelotoxicity development during thiopurine therapy for inflammatory bowel disease?</u></b></p> <p>A. Kharitonov, O. Shchukina, S. Lapin, T. Bulgakova, A. Baranovsky,</p> <p>Journal of Crohn's and Colitis, Volume 8, Issue Supplement_1, February 2014, Page S293, <a href="https://doi.org/10.1016/S1873-9946(14)60661-9">https://doi.org/10.1016/S1873-9946(14)60661-9</a></p>
73.	<p><b><u>Immunoglobulin M oligoclonal bands: biomarker of targetable inflammation in primary progressive multiple sclerosis.</u></b></p> <p>Villar LM, Casanova B, Ouamara N, Comabella M, Jalili F, Leppert D, de Andrés C, Izquierdo G, Arroyo R, Avşar T, Lapin SV, Johnson T, Montalbán X, Fernández O, Álvarez-Lafuente R, Masterman D, García-Sánchez MI, Coret F, Siva A, Evdoshenko E, Álvarez-Cermeño JC, Bar-Or A.</p> <p>Ann Neurol. 2014 Aug;76(2):231-40. doi: <a href="https://doi.org/10.1002/ana.24190">10.1002/ana.24190</a> Epub 2014 Jul 2. PMID: 24909126</p>
74.	<p><b><u>Anti-hnRNP B1 (RA33) autoantibodies are associated with the clinical phenotype in Russian patients with rheumatoid arthritis and systemic sclerosis.</u></b></p> <p>Maslyanskiy A, Lazareva N, Olinek P, Schierack P, Hentschel C, Cuccato J, Bogdanos DP, Lapin SV, Roggenbuck D.</p> <p>J Immunol Res. 2014;516593. doi: <a href="https://doi.org/10.1155/2014/516593">10.1155/2014/516593</a> Epub 2014 May 4. PMID: 24883333</p>
75.	<p><b><u>Antibodies to HnRNP B1 (RA33) in Patients with Systemic Sclerosis</u></b></p>

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	<p>Maslyanskiy A. , Roggenbuck D. , Lapin S. , Mazing A. , Lazareva N., Ilivanova E., Kolesova E., Mazurov V.</p> <p>Annals of the Rheumatic Diseases 73(Suppl 2):867-867. June 2014. <a href="#">ResearchGate</a></p>
76.	<p><b><u>Effects of rituximab therapy on elastic properties of vascular wall in patients with progressive systemic sclerosis</u></b></p> <p>Maslyanskiy AL, Lapin SV, Kolesova EP, Penin IN, Cheshuina MD, Feist E, Konradi AO.</p> <p>Clin Exp Rheumatol. 2014 Nov-Dec;32(6 Suppl 86):S-228. <a href="#">ResearchGate</a></p>
77.	<p><b><u>Level of vascular endothelial growth factor predicts both relapse and nonrelapse mortality after allogeneic hematopoietic stem cell transplantation.</u></b></p> <p>Moiseev IS, Lapin SV, Surkova EA, Lerner MY, Vavilov VN, Afanasyev BV.</p> <p>Biol Blood Marrow Transplant. 2013 Dec;19(12):1677-82. doi: <a href="https://doi.org/10.1016/j.bbmt.2013.08.015">10.1016/j.bbmt.2013.08.015</a> Epub 2013 Sep 10. PMID: 24035780</p>
78.	<p><b><u>Dynamics of B-Cell Populations in CSF and Blood in Patients Treated with a Combination of Rituximab and Mitoxantrone.</u></b></p> <p>Evdoshenko E, Maslyanskiy A, Lapin S, Zaslavsky L, Dobson R, Totolian A, Skoromets A, Bar-Or A.</p> <p>ISRN Neurol. 2013 Sep 10;2013:748127. doi: <a href="https://doi.org/10.1155/2013/748127">10.1155/2013/748127</a> eCollection 2013. PMID: 24109519</p>
79.	<p><b><u>Asialoglycoprotein receptor (ASGPR): a peculiar target of liver-specific autoimmunity.</u></b></p> <p>Roggenbuck D, Mytilinaiou MG, Lapin SV, Reinhold D, Conrad K.</p> <p>Auto Immun Highlights. 2012 Oct 30;3(3):119-25. doi: <a href="https://doi.org/10.1007/s13317-012-0041-4">10.1007/s13317-012-0041-4</a> eCollection 2012 Dec.PMID: 26000135</p>
80.	<p><b><u>Symptomatic epilepsy in inflammatory demyelinating diseases</u></b></p> <p>Totolyan N.A., Lapin S.V., Kodzaeva A.Yu., Kairbekova E.I., Skoromets A.A., Borisova E.V., Milyukhina I.V., Totolyan A.A., Prakhova L.N., Evdoshenko E.P.</p> <p>Neurosci Behav Physi 42, 223–235 (2012). <a href="https://doi.org/10.1007/s11055-012-9557-3">https://doi.org/10.1007/s11055-012-9557-3</a></p>
81.	<p><b><u>Early diagnostics of kidney damage in longstanding rheumatoid arthritis and amyloidosis.</u></b></p> <p>Tishko AN, Lapin SV, Vavilova TV, Totolian AA.</p>

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	Amyloid. 2011 Jun;18 Suppl 1:217-8. doi: <a href="https://doi.org/10.3109/13506129.2011.574354081">10.3109/13506129.2011.574354081</a> No abstract available. Erratum in: Amyloid. 2011 Jun;18 Suppl 1:218. PMID:21838493
82.	<b><u>Clinical features of ulcerative colitis in pANCA-positive patients in Russian Federation</u></b>  Kharitonov A.G., Kondrashina E.A., Baranovsky A.Y., Lapin S.V.  Journal of Crohn s and Colitis 3(1). February 2009. <a href="#">ResearchGate</a>