



XIV

SCIENTIFIC-PRACTICAL
CONFERENCE

LYMPHOLOGY:
FROM FUNDAMENTAL
RESEARCHES
TO MEDICAL
TECHNOLOGIES

In memory of academician **Yu.I.Borodin**

26-27
March

2021

Novosibirsk

ORGANIZERS



Ministry of Science and Higher Education of the Russian Federation

Siberian Branch of the Russian Academy of Sciences

Federal Research Center Institute of Cytology and Genetics SB RAS

Research Institute of Clinical and Experimental Lymphology - Branch of the Federal Research Center Institute of Cytology and Genetics SB RAS (NIKEL - branch of ICG SB RAS)

"Novosibirsk State Medical University"
Ministry of Health of Russia

Novosibirsk National State Research University

Ministry of Health of the Novosibirsk Region

Scientific Medical Society of Anatomists, Histologists and Embryologists

LOCATION

Novosibirsk

Institute of Clinical and Experimental Lymphology – Branch of the Institute of Cytology and Genetics, Siberian Branch of Russian Academy of Sciences (NIKEL-branch of ICG SB RAS) (online format)

OFFICIAL SITE OF THE CONFERENCE

<https://conf.icgbio.ru/lymphology2021/>

REGISTRATION OF PARTICIPANTS



To participate in online meetings, registration with an e-mail is **required** on the official conference website: <https://conf.icgbio.ru/lymphology2021/>. Links will be sent to specified **address e-mail** 3 days before the start of the conference.

PUBLICATION OF MATERIALS

A collection of scientific papers will be published based on the materials of the conference. Full-text versions of all accepted materials will be posted on the conference website, as well as in the RSCI (article by article).

The rules for the design and presentation of works are given on the conference website.

Publication of materials is free.

Conference Accredited in CME system.

Reviewed by: *Russian Society of Surgeons*.

The target audience:

- genetics,
- pediatric oncology,
- pediatric oncology-hematology,
- pediatric surgery,
- laboratory genetics,
- neurosurgery,
- general medical practice (family medicine),
- oncology,
- plastic surgery,
- radiology,
- cardiovascular surgery,
- therapy,
- toxicology,
- transfusiology,
- surgery

March 26, 2021 - 6 credits

March 27, 2021 - 5 credits.



Letyagin Andrey Yurievich ,
head of NIIKEL - branch
ICG SB RAS,
MD, Professor.

*Dear friends and colleagues !
Active study in the current century of the interstitial system of the body and the lymphatic system of the brain, the development of immunology, genetics and cell biology indicate the productivity and relevance of the multidisciplinary scientific direction " lymphology ", which in Novosibirsk at the Research Institute of Clinical and Experimental Lymphology and at the Novosibirsk State Medical University (Institute) for more than 60 years have been developed by Academician Yuri Ivanovich Borodin and his scientific school. At the next conference, but in a new online format for us , it is planned to discuss a wide range of issues of experimental and clinical lymphology, and related sections of fundamental and clinical, restorative and preventive medicine. I hope that we will share new technologies and creative ideas for the development of lymphology as a scientific field.*



Mashak Alexander Nikolaevich ,
head of department
human anatomy
them. acad. Yu.I. Borodin
Novosibirsk State Medical University,
MD, Professor.

*Hello dear participants and guests of the conference!
Studies of the lymphatic system and related scientific topics, despite a fairly large number of works in this direction, do not cease to be relevant.
The conference will bring together leading Russian and foreign scientists, teachers and healthcare organizers, which makes the upcoming event an important event in the scientific world.
It is noteworthy that the venue for the International Scientific and Practical Conference "Lymphology: from fundamental research to medical technologies" is the Research Institute of Clinical and Experimental Lymphology, one of the largest research institutes in the region, created by Academician Yu.I. Borodin.
I am sure that the conference will be held at the highest level, will allow the participants to get acquainted with the latest scientific data and provide a constructive exchange of experience between specialists in various fields .*

PROGRAM COMMITTEE

RESPONSIBLE SECRETARY: Nimaev V.V., MD (Novosibirsk)

MEMBERS OF THE PROGRAM COMMITTEE:

Bgatova N.P., Doctor of Biological Sciences, Professor (Novosibirsk)

Bubnova N.A., MD, Professor (St. Petersburg)

Gabitov V.Kh., MD, Professor (Bishkek)

Dzhumabaev E.S., MD, Professor (Andijan)

Elyasin P.A., Ph.D. (Novosibirsk)

Klimontov V.V., MD, Professor of the Russian Academy of Sciences (Novosibirsk)

Krasilnikov S.E., MD (Novosibirsk)

Kolchanov N.A., Doctor of Biological Sciences, Academician of RAS (Novosibirsk)

Kochetov A.V., Doctor of Biological Sciences, Professor,

Corresponding Member of RAS (Novosibirsk)

Konenkov V.I., MD, Academician of RAS (Novosibirsk)

Letyagin A.Yu., MD, Professor (Novosibirsk)

Marinkin I.O., MD, Professor (Novosibirsk)

Pokrovsky A.G., MD, Corresponding Member of RAS (Novosibirsk)

Pospelova T.I., MD, Professor (Novosibirsk)

Fionik O.V., MD, Professor (St. Petersburg)

Chernov V.I., MD, Professor (Tomsk)

Chernykh V.V., MD, Professor (Novosibirsk)

ORGANISING COMMITTEE

CHAIRMAN: Letyagin A.YU. MD, Professor, head of Institute of Clinical and Experimental Lymphology – Branch of the Institute of Cytology and Genetics, Siberian Branch of Russian Academy of Sciences

MEMBERS OF THE ORGANIZING COMMITTEE:

Velikanov S.A., deputy Head of Institute of Clinical and Experimental Lymphology – Branch of the Institute of Cytology and Genetics, Siberian Branch of Russian Academy of Sciences

Vlasova N.V., Head of the Scientific and Organizational Department of NIIKEL - Branch of the ICG SB RAS

Elyasin P.A., Ph.D, Associate Professor of the Department of Human Anatomy of the Federal State Budgetary Educational Institution of Higher Education NSMU Ministry of Health of Russia

Klimontov V.V., MD, Professor of the Russian Academy of Sciences, deputy. head of research, NIIKEL - Branch of the ICG SB RAS

Korolev M.A., Ph.D., deputy. Head for scientific and clinical work - NIIKEL - branch of the ICG SB RAS

E. V. Kostyashkina, assistant to the head of NIIKEL - Branch of ICG SB RAS

Lifshits A.A., Head of the Department for Coordination of Applied Programs and Projects, NIIKEL - Branch of the ICG SB RAS

Mashak A.N., MD, Professor, Head. department of Human Anatomy of the Federal State Budgetary Educational Institution of Higher Education NSMU Ministry of Health of Russia

Nimaev V.V., MD, Head of Surgical Lymphology Laboratory Research Institute of Clinical and Experimental Lymphology – Branch of the Institute of Cytology and Genetics, Siberian Branch of Russian Academy of Sciences

Tokpanov E.A., Head of Information Technology Service, ICG SB RAS

CONTACTS

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Web: <https://conf.icgbio.ru/lymphology2021/>

TECHNICAL ORGANIZER

LLC "Lugaru" Legal address: 630007, Novosibirsk, st. Oktyabrskaya, 42-517

Phone: +7 (383) 209-13-28 e-mail: t.panteeva.sps@mail.ru

The conference program says MOSCOW TIME

To participate in online meetings, you must **register** on the official conference website: <https://conf.icgbio.ru/lymphology2021/> and indicate **email addresses** to which **3 days** before the start of the conference **links will be sent**.

March 26, 2021	
08.00-08.30	Registration of participants
08.30-09.00	Room № 1 Opening of the conference Letyagin A.Yu., MD, Professor Konenkov V.I., Academician of the Russian Academy of Sciences, MD Professor Marinkin I.O., MD, Professor Pokrovsky A.G., Corresponding Member of the Russian Academy of Sciences, MD, Professor
Room № 1 /MOSCOW TIME/ Section "Oncology and Lymphology" Moderators: S.M. Portnoy, MD (Moscow) Krasilnikov S.E., MD, Professor (Novosibirsk)	
09.00-09.20	Radionuclide research methods in the detection of sentinel lymph nodes Chernov V.I. (Tomsk)
09.20-09.30	Possibilities and limitations of prevention of lymphedema in oncology V.V. Nimaev (Novosibirsk)
09.30-09.35	Discussion
09.35-09.50	Prospects for sentinel lymph node biopsy using fluorescence lymphography in breast cancer with clinical N0 Portnoy S.M., Kuznetsov A.V., Shakirova N.M., Solovyova A.S. (Moscow)
09.50-10.05	Determination of sentinel lymph nodes in oncosurgery Ermoshchenkova M.V. (Moscow)
10:05-10:10	Discussion
10:10-10.25	Indocyanine Green Fluorescence Imaging for Colorectal Cancer Treatment Alekseev M.V., Rybakov E.G., Shelygin Yu.A. (Moscow) (With the participation of Rusopharm, CME points are not awarded)
10.25-10.40	Increased angiogenesis in the lymph nodes as one of the signs of cancer in the region Krasilnikov S.E. (Novosibirsk)
10.40-10.45	Discussion
Room № 1 / MOSCOW TIME / Section "Diagnostics of diseases of the lymphatic system". Moderators: Letyagin A.Yu., MD, Professor (Novosibirsk) Malekov D.A. (St. Petersburg)	
10:45-11:00	Intravital lymphography (according to magnetic resonance imaging) Letyagin A.Yu. (Novosibirsk)

11:00-11:15	Visualization of the lymphatic system, magnetic resonance imaging capabilities Malekov D.A., Kanina L.Ya., Pozdnyakov A.V., Sotnikova E.A., Novikov V.A. (St. Petersburg)
11:15-11:20	Discussion
11.20-11.35	Ultrasound diagnostics in assessing the severity of edema in secondary lymphedema of the upper extremities Khapaev R.S., Nimaev V.V., Shumkov O.A., Smagin M.A., Soluyanov M.Yu., Letyagin A.Yu. (Novosibirsk)
11:35-11.40	Discussion
11.40-11.55	Postmastectomy syndrome. Personalized approach to the choice of treatment tactics Fionik O.V., Pospelova M.L., Krasnikova V.V., Pokatilo D.A., Alekseeva T.M., Kasumova A.A. (St. Petersburg)
11:55-12:00	Discussion
12:00-12:15	Methodological aspects of lymphoscintigraphy of the upper and lower extremities Lapekin S.V. (St. Petersburg)
12:15-12:20	Discussion
12:20-12:30	Technical break
Room № 1 / MOSCOW TIME / Section "Approaches to the treatment of lymphedema, venous diseases and lymphatic malformations" Moderators: Malinin A.A., MD (Moscow) Nimaev V.V., MD (Novosibirsk)	
12:30-12:45	Results of the operation of lymphovenous anastomosis in the groin region with postnodular lymphatic vessels in secondary lymphedema after oncological operations Malinin A.A., Pryadko S.I., Peskova A.S., Chomaeva A.A. (Moscow)
12:45-12:50	Discussion
12:50-13:05	The pumping function of the lymphatic stream is the key to the success of the treatment of primary lymphedema Erofeev N.P., Bubnova N.A., Kanina L.Ya., Makhin Yu.Yu., Volkov A.A. (St. Petersburg)
13:05-13:10	Discussion
13:10-13:25	Surgical paradigm in the treatment of lymphatic edema. Experiments or reality? Ivashkov V.Yu. (Moscow)
13:25-13:30	Discussion
13:30-13:45	Surgical treatment of patients with varicose veins on the background of lymphostasis of the lower extremities Lavrov R.N., Sukhorukov A.M., Bogdashkin I.A., Maltseva M.G. (Krasnoyarsk)
13:45-13:50	Discussion
13:50-14:00	Bariatric surgery in the treatment of patients with obesity and lymphedema Shumkov O.A., Nimaev V.V., Anischenko V.V. (Novosibirsk)
14:00-14:05	Discussion
14:05-14:20	Resection and plastic surgery in the treatment of lymphedema and their place at the modern stage of development of medicine Feiskhanov A.K.

	(Kazan)
14:20-14:25	Discussion
14:25-14:40	Algorithm for the diagnosis of lymphatic and lymphovenous malformations of the head and neck in children Petukhov A.V., Komelyagin D. Yu., Yamatina S.V., Dubin S.A., Sholokhova N.A., Olkhova E.B., Vladimirov F.I., Blagikh O.E., Gromova T N., Striga E.V. (Moscow)
14:40-14:45	Discussion
14:45-15:00	Complex lymphatic anomalies: Novel targeted treatment options Dr. Freidrich Kapp Oncology at the Medical Center of the University of Freiburg (Freiburg)
15:00-15:10	Discussion
Closing of the first day of the conference Moderators Letyagin A.Yu., Fionik O.V., Malinin A.A.	
Room № 2 / MOSCOW TIME / Section "Lymphotropic therapy" Moderators: Dzhumabaev E.S., MD, professor (Andijan) Pesin Ya.M., MD, Professor (Bishkek)	
09.00-09.20	Lecture: Lymphogenic historeanimation: the possibilities of lymphology of the XXI century in the treatment of surgical patients " Dzhumabaev E.S. (Andijan)
09.20-09:25	Discussion
09.25-09.40	Characteristics of the interstitium of the zones of lymphotropic administration for the lymphatic region of the lungs Pshenichnikova I.M. (Perm')
09.40-09.45	Discussion
9.45-10.00	Bactericidal-lymphatic cocktail in the treatment of phlegmon of the foot Gabitov V.Kh., Akramov E.Kh., Beisembaev A.A., Kuramaeva T.E., Sulaimankulova S.K., Omurbek uulu Ulukmyrza, Khalmurzin A.A. (Bishkek)
10.00-10:05	Discussion
10:05-10:20	Involvement of the lymphatic region of the nervous system and spine in the regulation of axonal current in neuropathic pain Pesin Ya.M. (Bishkek)
10.20-10.25	Discussion
10.25-10.40	Regional depot injection: mechanism of action and prospects for use Syutkina I.P., Khabarov D.V., Smagin A.A., Inyoshina A.D. Kochetkova M.V. (Novosibirsk)
10.40-10.45	Discussion
Room № 2 / MOSCOW TIME / Section "Ophthalmology and Neurosurgery". Moderators: Konenkov V.I., Academician of the Russian Academy of Sciences, MD, Professor (Novosibirsk) Chernykh V.V., MD, Professor (Novosibirsk)	
10:45-11:05	Modern concepts of the molecular and cellular basis of the pathogenesis of primary open-angle glaucoma

	Chernykh V. V., Konenkov V.I., Bgatova N.P., Trunov V.A. (Novosibirsk)
11:05-11:10	Discussion
11:10-11:25	Clinical and pathogenetic evaluation of the effectiveness of a complex treatment regimen for autoimmune uveitis accompanied by macular edema Arbenyeva N.S., Trunov A.N., Bratko V.I., Poveshchenko O.V., Chernykh V.V. (Novosibirsk)
11:25-11:30	Discussion
11:30-11:45	Clinical and ophthalmological assessment of the effectiveness of a complex treatment regimen for central serous chorioretinopathy Stanishevskaya O.M., Chernykh V. V., Poveshchenko O.V., Bratko V.I. (Novosibirsk)
11.45-11.50	Discussion
11.50-12.05	Microsurgery of insular lobe gliomas - how to achieve good radical removal Chernov S.V., Semin P.A., Krasilnikov S.E., Kalinovsky A.V., Zotov A.V., Kasymov A.R., Gormolysova E.V., Uzhakova E.K. (Novosibirsk)
12.05-12.10	Discussion
12:10-12:30	Technical break
Room № 2 / MOSCOW TIME / Section "Interdisciplinary and personalized approach to the treatment of lymphovenous insufficiency" Moderators: Shevela A.I., MD, Professor (Novosibirsk) Fionik O.V., MD, Professor (St. Petersburg)	
12:30-12:45	Personalized approach to the treatment of lymphovenous insufficiency of the lower extremities Shevela A.I. (Novosibirsk)
12:45-12:50	Discussion
12:50-13:05	Experience in the treatment of lymphedema of the upper and lower extremities Kurochkina O.S., Baitinger V.F., Borodin O.Yu., Karpov E.N. (Tomsk)
13:05-13:10	Discussion
13:10-13:25	Postmastectomy syndrome. A general view of the problem of a surgeon, neurologist and doctor of radiation diagnostics Bukkueva T.A., Pospelova M.L., Fionik O.V., Alekseeva T.M., Efimtsev A.Yu., Levchuk A.G. (St. Petersburg)
13:25-13:30	Discussion
13:30-13:45	The effectiveness of complex treatment of lower limb lipedema using a ketogenic diet and nutraceutical correction Apkhanova T.V., Gerasimenko M.Yu., Sergeev V.N., Kulchitskaya D.B., Konchugova T.V., Sapelkin S.V., Saganova T.R. (Moscow)
13:45-13:50	Discussion
13:50-14:05	Lymphatic network of adipose tissue: role in metabolism and endocrine regulation in health and obesity Bulumbaeva D.M., Klimontov V.V. (Novosibirsk)
14:05-14:10	Discussion
14:10-14:25	Lymphedema and COVID-19: First Results Rovnaya A. V.

	(St. Petersburg)
14:25-14:30	Discussion
14:30-14:45	The expediency of taking into account the signs of connective tissue dysmorphogenesis when designing an exercise therapy program for the treatment of post-traumatic lymphostasis of the lower extremities Demekhova M.Yu., Ilyukin E.A., Yakushkin S.N. (St. Petersburg)
14:45-14:50	Discussion
15:10	Closing of the first day of the conference Moderators: Letyagin A.Yu., Fionik O.V., Malinin A.A.

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March 27, 2021	
08.30-09.00	Registration of participants
09:00-09:05	Opening speech. Urtaev Beksoltan Makharbekovich (Moscow)
Room № 1 / MOSCOW TIME / Section "Questions of patients with lymphedema in the framework of World Lymphedema Day" Moderators: Demekhova M.Yu. (St. Petersburg) Rovnaya A.V. (St. Petersburg) Feiskhanov A.K. (Kazan)	
09.05-09.20	Innovative exudation control in the local treatment of chronic wounds Khramilin V.N. (Moscow) (With the participation of Altimedica, NMO points are not awarded)
09:20-09:25	Discussion
09.25-09.40	How to understand who is at risk for developing lymphedema? Makarov I.G. (Moscow)
09:40-09:55	How can you help your doctor diagnose? Kovaleva P.V. (Khabarovsk)
09:55-10.10	What to do if you have been diagnosed with lymphedema? Bodanskaya A.L. (Moscow)
10.10-10.25	Lymphedema and heredity Nimaev V.V. (Novosibirsk)
10.25-10.35	Basic principles of conservative treatment of lymphedema A. V. Rovnaya (St. Petersburg)
10.35-10.50	What pills to drink to avoid swelling? Savinov I.S. (Simferopol)

10.50-11.05	Skin Care - Creams and Ointments Petrova I.V. (Tomsk)
11.05-11.20	Prevention of the development of edema and maintenance of the condition Demekhova M.Yu. (St. Petersburg)
11.20-11.35	What happens if lymphedema is not treated? Feiskhanov A.K. (Kazan)
11:35-11:40	Discussion
11:40-12:15	Room № 1. Master class "Using an adjustable inextensible bandage" Feiskhanov A.K. (Kazan)
12:15-12:20	Discussion
12:20-12:50	Room № 1. Master class "Use of pads for complex decongestive therapy" Makarov I.G. (Moscow)
12:50-12:55	Discussion
13:00	Closing the conference Moderators: Letyagin A.Yu., Konenkov V.I., Mashak A.N., Nimaev V.V.
Room № 2 / MOSCOW TIME /	
Section "Morphology" and the meeting of the Novosibirsk branch of the scientific medical society of anatomists, histologists and embryologists "	
Moderators:	
Bgatova N.P., MD, Professor, (Novosibirsk)	
Elyasin P.A., Ph.D., Associate Professor (Novosibirsk)	
09.00-09.15	An experimental model of idiopathic scoliosis in a chicken embryo by inhibition of the PAX3 gene by lipophilic interfering Si-RNAs Zaidman A.M. (Novosibirsk)
09:15-09:20	Discussion
09:20-09:35	Morphology, mechanisms of regulation and the role of the drainage systems of the central nervous system in the metabolism of brain tissue Sozonova E.A., Nikolenko V.N., Nikitina A.T., Pavv M.P., Oganesyanyan M.V., Rizaeva N.A. (Moscow)
09:35-09:40	Discussion
09:40-09:55	The relationship between proliferative activity, the content of blood and lymphatic vessels in the tumor and metastasis to regional lymph nodes in skin melanoma Bgatova N.P., Lomakin A.I., Taskaeva Yu.S., Makarova V.V., Letyagin A.Yu. (Novosibirsk)
09:55-10:00	Discussion
10:00-10:15	The condition of the lymph nodes with exotoxicosis Dyusembaeva A.T., Isabekova U.A., Tusupova N.M. (Almaty)
10:15-10:20	Discussion
10:20-10:30	Electron microscopic examination of the microvascular bed of hepatocellular carcinoma Taskaeva Yu.S., Makarova V.V., Bgatova N.P.

	(Novosibirsk)
10:30-10:35	Discussion
10:35-10:45	Cytoarchitectonics of lymphoid organs under stress Beisembaev A.A., Pesin Ya.M., Gabitov V.Kh. (Bishkek)
10:45-10:50	Discussion
10:50-11:05	Blood-lymphatic barrier and features of liver cell apoptosis in obesity, metabolic syndrome, type 2 diabetes mellitus Vasendin D.V., Michurina S.V., Ishchenko I.Yu., Arkhipov S.A. (Novosibirsk)
11:05-11:10	Discussion
11:10-11:25	Effect of melatonin on the expression of the lymphatic endothelial receptor lye-1 in liver cells of mice with a model of light-induced functional pinealectomy Ishchenko I.Yu., Michurina S.V., Arkhipov S.A. (Novosibirsk)
11:25-11:30	Discussion
11:30-11:45	Study of the specific density of microvessels in the lymph node in acute peritonitis in experiment Egamov Yu.S., Khaidarov S.A. (Andijan)
11:45-11:50	Discussion
11.50-12.05	The concept of the lymphatic region in the implementation of the microelement profile and structure of the lymph nodes during aging Gorchakov V.N., Gorchakova O.V., Kolmogorov Yu.P., Demchenko G.A., Abdreshov S.N. (Novosibirsk, Almaty)
12:05-12:10	Discussion
12:10-12:20	Comparative study of the hepatotoxic effects of heavy metals in adolescents rats Elyasin P.A., Zalavina S.V., Mashak A.N., Galenok R.B., Aydagulova S.V. (Novosibirsk)
12:20-12:25	Discussion
12:25-12:35	Morpho-functional characteristics of the arterio-venular component in the wall of the ureters in men and women of the mesomorphic body type Zolotareva M.A. (Moscow)
12:35-12:40	Discussion
12:40-12:50	Study of lymphoid formations of the small intestine under acute exposure to sodium bichromate Rakhmanov S.B. (Aktobe)
12:50-13:00	Discussion
13:00	Closing the conference Moderators: Letyagin A.Yu., Konenkov V.I., Mashak A.N., Nimaev V.V.

POSTER SESSION

from 22.03.2021 on the conference website in PPT format 3-6 slides in PDF with audio or video file with the possibility of comments

Moderators:

Bubnova N.A., MD, Professor (St. Petersburg)

Beisembaev A.A., Ph.D., Associate professor (Bishkek)

Dyusembaeva A.T., MD, Professor (Almaty)

Klimontov V.V., MD, Professor of the Russian Academy of Sciences (Novosibirsk)

1. Abdreshov S.N., Kozhaniyazova U.N., Demchenko .A., Bulekbaeva L.E., Akhmetbaeva N.A., Nauryzbai U.B., Nurmakhanova B.A. **INFLUENCE OF PHYTOCOMPOSITION ON THYROID AND BIOCHEMICAL COMPOSITION OF LYMPH IN EXPERIMENTAL HYPOTHYROIDISIS** (*Almaty*)
2. Balmagambetova A.D. **STUDY OF THE INTRAORGAN LYMPHATIC BODY OF THE STOMACH OF WHITE RATS IN ACUTE CHROME INTOXICATION** (*Aktobe*)
3. Belenky V.Ya., Ivlyushkin V.V., Pushkarev S.V. , Mishina S.M., Rachkovskaya L.N., Soboleva N.F., Sotnikov A.A., Letyagin A.Yu. **POSSIBILITIES AND ROLE OF THERMOGRAPHY IN THE DIAGNOSIS OF BREAST DISEASES** (*Novosibirsk*)
4. Dadaev Sh.A., Khasanov S.M., Isakov Sh.Sh. **RETROPERITONEAL LYMPHOTROPICAL MEDICAL-QUANTUM THERAPY IN THE COMPLEX TREATMENT OF ACUTE PANCREATITIS** (*Tashkent*)
5. Demekhova M.Yu., Lobastov K.V., Schastlivtsev I.V. **DEEP VENOUS THROMBOSIS IN PATIENTS WITH LYMPHEDEMA OF LOWER EXTREMITIES. CASE REPORTS.** (*Санкт-Петербург*)
6. Zheravin A.A., Taranov P.A., Krasilnikov S.E., Chernyavsky A.M. **MODERN APPROACHES IN RECONSTRUCTION OF EXTENDED BONE DEFECTS IN ONCORTHOPEDICS** (*Novosibirsk*)
7. Kazakov O.V., Poveschenko A.F., Orlov N.B., Kabakov A.V., Lykov A.P., Konenkov V.I. **CORRELATION OF CYTOKINE CONCENTRATION IN LYMPH WITH CELL COMPOSITION OF STRUCTURAL AND FUNCTIONAL ZONES OF MESENTERIAL LYMPHATIC NODE TREATMENT OF EXPERIMENTAL BREAST CANCER** (*Novosibirsk*)
8. Kolpakov K.I., Letyagina E.A., Ubshaeva Yu.B., Korolev M.A. **POSSIBILITIES OF TRABECULAR BONE INDEX IN ASSESSMENT OF STRUCTURAL CHANGES IN YOUNG MEN WITH ANKYLOSING SPONDILITIS** (*Novosibirsk*)
9. Makarova V.V, Taskaeva Yu.S., Bgatova N.P. **ULTRASTRUCTURAL FEATURES OF LOW-DIFFERENTIATED HEPATOCELLULAR CARCINOMA** (*Novosibirsk*)
10. Lykov A.P., Surovtseva M.A., Kim I.I., Bondarenko N.A., Smagin M.A., Demura A.Yu., Poveschenko O.V. **PLATELET LYSATE IN TREATMENT OF TROPHIC ULCERS** (*Novosibirsk*)
11. Lyubimova N.V. **REHABILITATION AFTER MASTECTOMY. PREVENTION OF LYMPHEDEMA AFTER MASTECTOMY** (*Barnaul*)
12. Morozova M.S. **EFFICIENCY OF THE THIRD STAGE OF REHABILITATION IN PATIENTS AFTER THE TRANSFERRED NEW CORONOVIRAL INFECTION COVID-19 IN THE CONDITIONS OF THE SANATORIUM ELTSOVKA BRANCH OF FGBU SCC PRIVOLZHISKY** (*Novosibirsk*)
13. Nadeev A.P., Porotnikova E.V., Madonov P.G., Bgatova N.P. **APOPTOSIS AND NECROSIS OF MYOCYTES IN POSTNATAL INVOLUTION OF MICE MYOMETRY IN ACUTE CCL 4 INDUCED HEPATOSIS AND ITS CORRECTION BY IMMOBILIZED HYALURONIDASE** (*Novosibirsk*)

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