

**PERSONAL INFORMATION**

Pyatchanina Tetiana Vitalyivna  
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Date of birth 8/21/1958 Citizenship Ukraine

Academic degree (degree, specialty)	PhD, 14.01.07 oncology
Academic title	Senior researcher, 091-oncology
Position	Head of Department
Department	The Department of Patent and Licensing Activities and Information Support
Institute	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAS of Ukraine

**Educational disciplines, in the teaching of which she participated:**

Current year (2024)	"Methodology, organization and technology of scientific research. Basics of academic integrity" in the specialty 091 "Biology" and "Biochemistry", 222 "Medicine" in the educational program "Oncology" (for those seeking higher education in the field of training for a doctor of philosophy), 1 course, lectures, seminars, practical classes.
2016 – 2020	"Methodology, organization and technology of scientific research. Basics of academic integrity" in the specialty 091 "Biology" / 09 "Biology" (1 course, lectures, seminars, practical classes), 222 "Medicine" / 22 "Health care" (1 course, lectures, seminars, practical classes) under the "Oncology" educational program (for those seeking higher education in the field of Doctor of Philosophy training)

## Experience of scientific and scientific-pedagogical work

Period	Stage
2024.	Position: head of the department
	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAS of Ukraine, The Department of Patent and Licensing Activities and Information Support, St. Vasylykivska, 45, Kyiv, 03022, Ukraine
2009 – 2024	Position: head of the department
	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAS of Ukraine, scientific research and innovation management department, St. Vasylykivska, 45, Kyiv, 03022, Ukraine
	Field of activity: science
2003 - 2009	Position: senior researcher
	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAS of Ukraine, department of pharmacocorrection of oncogenesis, department of biophysics of carcinogenesis, St. Vasylykivska, 45, Kyiv, 03022, Ukraine
	Field of activity: science
2001 - 2003	Position: researcher
	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAS of Ukraine, department of biophysics of carcinogenesis, St. Vasylykivska, 45, Kyiv, 03022, Ukraine
	Field of activity: science
1991 - 2001.	Position: junior researcher
	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAS of Ukraine, department of biophysics of carcinogenesis, St. Vasylykivska, 45, Kyiv, 03022, Ukraine
	Field of activity: science

## Training and internship

Period	Stage
2023	Advanced training under the program "Regulation of protection, distribution and use of intellectual property rights in contracts of scientific institutions of the National Academy of Sciences of Ukraine for carrying out scientific research and scientific and technical (experimental) developments and contracts on cooperation in conducting scientific research" Certificate dated November 30, 2023 of the Center for Intellectual Property Research and Technology Transfer of the National Academy of Sciences of Ukraine.
2023	Advanced training under the program "Innovations as new prospects for the sustainable development of the state's economy". Certificate from 24.10-28.11.2023 UINTEI – 23066
2021	Participation in the series of educational webinars on scientometrics for professionals "International experience in the field of publishing. Successful publication in Scopus and Web of Science" (1 TCTS)/ "Scientific Publication" Certificate № AA 2858/19.11.21.
2021	Advanced training under the "Full range of investment opportunities" program Certificate dated 07/14/2021 DNU "Ukrainian Institute of Scientific and Technical

	Expertise and Information" and the Investment Development League of Ukraine
2021	Advanced qualification under the program of the National Agency for Quality Assurance of Higher Education "Expert on Accreditation of Educational Programs". Certificate dated 10/20/2021. <a href="https://courses.prometheus.org.ua:18090/cert/0588bb89cc2240558ad54ad0fca83684">https://courses.prometheus.org.ua:18090/cert/0588bb89cc2240558ad54ad0fca83684</a>
2021	Participation in the II Congress of Laboratory Medicine May 25-27, 2021, Kyiv. Participant's certificate No. 2010-0447-2021. P.L. Shupyk National University of Health Care of Ukraine. National Academy of Medical Sciences of Ukraine.
2021	Participation in the work of the scientific and practical conference with international participation "The state and prospects of the development of laboratory medicine in Ukraine May 25-26, 2021, Kyiv. Participant's certificate No. 4126-062-2021. . P.L. Shupyk National University of Health Care of Ukraine. National Academy of Medical Sciences of Ukraine.
2019.	Advanced training in intellectual property, technology transfer and innovation management (IP Marathon), organized by the Ministry of Education and Science of Ukraine and the Ukrainian Institute of Scientific and Technical Expertise and Information. Certificate No. 00324 dated April 23, 2019.
2015	Advanced training: Support of scientific research: from patenting to commercialization. Institute of Experimental Pathology, Oncology and Radiobiology named after R.E. Kavetskyi, National Academy of Sciences of Ukraine
1992	Dissertation for obtaining the scientific degree of candidate of biological sciences on January 14, 2007 - "oncology" on the topic "Assessment of the state of the hydroxylating systems of the liver and adrenal glands under the conditions of the anticarcinogenic effect of retinoid" (KD No. 061158 dated June 5, 1992)
1976 -1981	Studying at the Kyiv State University named after T.G. Shevchenko (Faculty of Biology, Department of Biophysics). She received the qualification of biologist-biophysicist, teacher of biology and chemistry.

### Personal skills

Name Level	Level
Language knowledge	
Ukrainian	Native language
Russian	Native language
English	Level A1/A2
Communicative competence	She gained communication skills while working at the Institute of Experimental Pathology, Oncology and Radiobiology named after R.E. Kavetskyi of the National Academy of Sciences of Ukraine on the basis of the integration of the system of general professional and special knowledge and competences
Organizational/management competence	Management of the team of the department of patent and licensing activities and information support. Management of scientific projects, management of qualification works of students.  Member of the Academic Council of IEPOR named after R.E. Kavetskyi of the National Academy of Sciences of Ukraine (2009 - until now).  Secretary of the institute's specialist commission for the approval of dissertations for the degree of candidate and doctor of

	<p>biological and medical sciences in the specialty "oncology" (2008 - 2018)</p> <p>Project manager, coordinator of the creation and implementation of a cycle of preventive and valeological lectures for secondary school students "Scientists-oncologists - for the protection of the health of the youth of Ukraine" within the framework of the social project "Science for society" (<a href="http://iepor.org.ua">http://iepor.org.ua</a>) (2011-2018)</p> <p>Project manager, coordinator of the creation and maintenance of the Internet resource "Future without cancer" (<a href="http://breast-cancer.org.ua/">http://breast-cancer.org.ua/</a>) - a scientific and educational Internet portal of IEPOR named after RE. Kavetsky National Academy of Sciences of Ukraine "Primary prevention, diagnosis and treatment of patients with breast cancer" (2012 - 2018)</p> <p>Project manager, project coordinator for the creation of a mobile application based on the "Android" operating platform "Personal medical organizer for a patient with breast cancer" (2013-2018)</p> <p>Project manager, coordinator of the project "Scientist Questionnaire" - an automated information and calculation system for evaluating the individual performance of a scientist of a medical and biological research institution (<a href="http://www.nas.gov.ua/RDOutput/UA/book2017/Pages/sd.aspx?SRDID=04">http://www.nas.gov.ua/RDOutput/UA/book2017/Pages/sd.aspx?SRDID=04</a>) (2009 – 2011)</p> <p>Coordinator of the creation and implementation of the project "Catalogue of Innovation Proposals of R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology of the National Academy of Sciences of Ukraine" of Ukraine"). Ans. editor Academician of the National Academy of Sciences of Ukraine V.F. Chehun (2012 -2013)</p>
Computer skills	Experienced user. Good command of the MS Office package (Excel, PowerPoint, Word), graphic editors (Paint), work with e-mail (Outlook Express). Confident work with different browsers (Opera, Firefox, Chrome, InternetExplorer). Skills of working with the Windows operating system.
Proffesional skills	Modern and classic methods of biophysical and biochemical research, methods of experimental oncology, development of content for a medical website, development of content for a mobile application, creation of advertising materials for participation in exhibition events, startups, placement on websites.
Area of professional interests	Intellectual property protection, commercialization of scientific research results, innovative activity, experimental oncology, application of bioinformatics methods in experimental and clinical research.

### Additional Information

Name	titles of publications, presentations, projects, conferences, seminars, names of awards and prizes, membership in academies, professional and scientific associations, etc.)
Publications	Pyatchanina T.V., Vasiliev O.V., Tyukalo D.V., Ogorodnyk A.M., Chyoch

	<p>V.V., Dvorshchenko O.S., Melnyk-Melnikov P.G. "Patent studies of objects of intellectual property in the biomedical field (methodological recommendations)" Website of the National Academy of Sciences of Ukraine "Protection of intellectual property and technology transfer in scientific institutions" (<a href="https://ipr.nas.gov.ua/?page_id=1628">https://ipr.nas.gov.ua/?page_id=1628</a>)</p> <p>Pyatchanina T.V., Melnyk-Melnikov P.G. Tsyukalo D.V., Ogorodnyk V.V., Dvorshchenko O.S. "Creation and development of technology transfer offices in the biomedical field in the modern realities of Ukraine, taking into account international experience (methodical recommendations)"</p> <p>Lukianova N., Zadvornyi T., Mushii O., Pyatchanina T., Chekhun V. Evaluation of diagnostic algorithm based on collagen organization parameters for breast tumors. <i>Exp. Oncol</i> 2022; 44(4):281-286 DOI: 10.32471/exp-oncology.2312-8852.vol-44-no-4.19137</p> <p>Pyatchanina T.V., Klochenok L.V., Tsyukalo D.V., Dvorshchenko O.S., Melnyk-Melnikov P.G. Peculiarities of using the income approach to the evaluation of intellectual property objects in the biomedical field. "Kansas" Group of Companies <a href="https://kansas.com.ua/ua">https://kansas.com.ua/ua</a> access: 17_10_22</p> <p>Pyatchanina T.V., Klochenok L.V., Tsyukalo D.V., Dvorshchenko O.S., Melnyk-Melnikov P.G. Peculiarities of using the income approach to the evaluation of intellectual property objects in the biomedical field. <i>Journal "Oncology"</i>, 2022. 24(3).</p> <p>Pyatchanina T.V., Ogorodnyk A.M., Sakhno L.O., Dvorshchenko O.S. Peculiarities of management of academic biomedical innovations on the example of a medical product. "Prospects and innovations of science", 2022, 11(16): 356-365</p> <p>Pyatchanina T.V., Ogorodnyk A.M., Sakhno L.O., Dvorshchenko O.S. Peculiarities of management of academic biomedical innovations on the example of a medical product. "Prospects and innovations of science", 2022, 11(16): 356-365</p> <p>Sakhno L., Pyatchanina T., Shapran O. Market research of commercialization of innovative products of the pharmaceutical sector: a carbon absorbent bandage. <i>Innovative Approaches to Ensuring the Quality of Education, Scientific Research and Technological Processes. Series of monographs Faculty of Architecture, Civil Engineering and Applied Arts Katowice School of Technology Monograph 43. Publishing House of University of Technology, Katowice, Poland, 2021, 1171-1179.</i></p> <p>Melnyk-Melnikov P.G., Pyatchanina T.V., Ogorodnyk A.M., Dvorshchenko O.S. Global experience in the development of marketing of intellectual property objects in the biomedical field and in oncology. <i>Oncology</i>, 2021. - Vol. 23. #3 (89). P. 154-58.</p> <p>Pyatchanina T.V., Ogorodnyk A.N., Melnyk-Melnikov P.G., Dvorshchenko O.S. Comparative analysis of approaches to the commercialization of scientific and technical developments in the field of medical and biological</p>
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	<p>sciences in some foreign countries and in Ukraine. Oncology, 2021. - Vol. 23. #1-2 (87-88). P. 57-64.</p> <p>Pyatchanina, TV, Vasilyev, OV, Ogorodnik, AM, Choch, VV Patent Information Search as Modern Tool of Research in the Field of Medical and Biological Sciences. Science and innovation 2020, 16(3):81-87. doi.org/10.15407/scin16.03.081</p> <p>O. Romanov, T. V. Pyatchanina, O. V. Kovyryova. Medical communicators for family medicine. Medical Informatics and Engineering, 2020, 1(49): 78-83</p> <p>Pyatchanina T., Ogorodnyk A., Melnik-Melnikov P., Gerasymchuk S. Commercialization Capability of R&amp;D Results in Biomedical Field of Ukraine and Analysis of Related Foreign Experience Український журнал медицини, біології та спорту – 2020 – Том 5, № 5 (27):223-228</p> <p>P.G. Melnyk-Melnikov, T.V. Pyatchanina, S.M. Gerasymchuk, A.M. Gardener International grant sources of research in oncology. Opportunities for Ukrainian scientists Oncology, 2020, 22 (1-2): 5-10. DOI: 10.32471/oncology.2663-7928.t-22-1-2020-g.8634</p> <p>Romanov V.O., Pyatchanina T.V., Kovyrova O.V. Smart medical communicator for estimating quality of life DigiHealthDay-2020, 13 Nov. (2020), Bayern, Germany</p> <p>Sakhno L.O., Pyatchanina T.V., Melnyk-Melnikov P.G., Shapran O.A. Marketing analysis for a carbon absorbent bandage based on activated carbon fiber materials. III scientific and practical internet conference with international participation "Mechanisms of the development of pathological processes and diseases and their pharmacological correction", November 19, 2020, Kharkiv</p> <p>Pyatchanina T.V., Ogorodnik A.M., Vasilyev O.V., Mazur M.G. activity in RE Kavetsky institute of experimental pathology, oncology and radiobiology of the NAS of Ukraine. Science and innovation, 2019, 15(3). P. 53-62.</p> <p>Pyatchanyna T., Ogorodnyk A., Melnik-Melnikov P. Methodological approaches to patent research in the field of biomedical sciences Medicni perspektivi. 2019;24(2):4-9</p> <p>Pyatchanina T.V., Klyuchko O.M., Mazur M.G. Using of contemporary methods of medical microimages futomatic processing in practical oncology "Physico-chemical biology as the basis of modern medicine": Abstracts of reports of the Republican conference with international participation, dedicated to the 110th anniversary of V.A. Bandarin (Minsk, May 24, 2019. In 2 parts , part 2, p. 81-82</p> <p>Melnik-Melnikov P., Pyatchanyna T., Ogorodnyk A., Mazur M. Analysis of foreign tech transfer offices experience for the effective tech transfer system formation in the Ukrainian scientific institutions. Science, Technologies, Innovations №3 (11) 2019, 62-69 p.</p>
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	<p>Pyatchanyna T., Ogorodnyk A., Melnik-Melnikov P. Modern innovative approaches to introducing developments in oncology. III Міжн. науково-практична конф. «Сучасні перспективи розвитку науки». 2019;21-22. Пятчанина Т.В., Огородник А.Н.</p> <p>Breast cancer risk models Vesta National Academy of Sciences of Belarus. Series: medical sciences, Vol. 15, No. 4, 2018. - p. 501-508</p> <p>Mazur M.G., Pyatchanina T.V. Main directions of proteome research in breast cancer Journal of clinical and experimental medical research - 2017 - №1 - P.728-736</p> <p>Dvorschenko O., Kulikov V., Pyatchanina T. Technology of complex rating evaluation of the effectiveness of individual activity of scientific employees of Information Technology and Security. - January-June 2017. - Vol. 5, Iss. 1 (8). - pp. 12-20.</p> <p>Mazur M.G., Pyatchanina T.V. The use of proteomic technologies in breast cancer research // Experimental Oncology – 2016 – 38 (3) – p. 146–157.</p>
Projects	<ol style="list-style-type: none"> <li>1. "Development and approval of rating criteria for the effectiveness of scientific and innovative activities of employees of IEPOR named after RE. Kavetsky National Academy of Sciences of Ukraine" (2010-2011). Project manager.</li> <li>2. "Development of an informational Internet portal on primary prevention, diagnosis and treatment of breast cancer" (2012-2014). Project manager.</li> <li>3. "Analysis of modern postgenomic research in the field of oncomammology and development of an information resource on the molecular pathogenesis of breast cancer based on it" (2012-2016). Project manager.</li> <li>4. Selection and development of bioinformatics approaches for the analysis of molecular and biological features of hormone-dependent tumors" (2017-2018). Project manager.</li> <li>5. "Development of technology transfer strategies in oncology practice taking into account the specifics of Ukraine." (2020-2022). Project manager.</li> </ol>
Patents	<ol style="list-style-type: none"> <li>1. Decision on the registration of the contract concerning the author's right to the work" Registration number 6627. Date of registration October 27, 2022. On the registration of the copyright contract dated January 4, 2022 No. 1 on the transfer (alienation) of property rights, according to which the property rights to the work "Patent studies of intellectual property objects in the biomedical field (methodological recommendations)" Pyatchanina T.V., Vasiliev O.V., Tsyukalo D.V., Ogorodnyk A.M., Chyoch V.V., Dvorshchenko O. .S., Melnyk PG are transferred to the Institute of Experimental Pathology, Oncology, National Academy of Sciences of Ukraine, 45, Kyiv. Свідоцтво про реєстрацію авторського права на твір №42036, виданий 02.02.2012.</li> <li>2. Computer program "Program for the administration of databases of the information and calculation system for the rating evaluation of the activity of a researcher of a research institution of a practical profile (Rating DB). Kulikov V.M., Dvorshchenko O.S., Pyatchanina</li> </ol>

	<p>T.V.</p> <ol style="list-style-type: none"> <li>3. Patent of Ukraine No. 27367, issued on 10.07.2014 "Set of graphic interfaces of the software complex for the rating evaluation of the activity of a researcher." Chehun V.F., Kulikov V.M., Dvorshchenko O.S., Pyatchanina T.V.</li> <li>4. Certificate of copyright registration for the work No. 42037, issued on 02.02.2012 "Computer program "Program for rating evaluation of the activity of a scientific employee of a scientific research institution of a natural profile ("Rating") Dvorshchenko O.S., P'yatchanina T. V., Kulikov V.M.</li> <li>5. Patent No. 31381, issued on February 10, 2016. "Set of graphic interfaces of reference and information scientific and educational internet portal "Future without cancer". Chehun V.F., Pyatchanina T.V., Dvorshchenko O.S., Narolskyi M.B., Shepelenko I.V., Pavlova G.O.</li> <li>6. Certificate of copyright registration for work No. 58786, issued on February 25, 2015, "Computer program "Personal medical organizer of a breast cancer patient" ("Personal medical organizer of a breast cancer patient"). Chehun V.F., Pyatchanina T.V., Dvorshchenko O.S., Kulikov V.M., Kravchuk V.V., Zagadarchuk T.V.</li> <li>7. Patent No. 27367, issued on July 10, 2014 Chehun V.F., Kulikov V.M., Dvorshchenko O.S., Pyatchanina T.V. A set of graphic interfaces of the software complex for rating the activity of a research worker</li> <li>8. Certificate of copyright registration for the work No. 100921, issued on November 26, 2021. Computer program "QofLQ Mobile App". Kovyryova O.V., Pyatchanina T.V.</li> <li>9. Certificate of copyright registration for the work No. 46537 issued on November 27, 2012. Collection of works "Lectures-presentations "Scientific and educational lectures of oncologists - to protect the health of the youth of Ukraine"</li> </ol>
Conferences	<p>VII All-Ukrainian scientific and practical Internet conference "Innovative entrepreneurship: state and prospects of development", Kyiv, May 30, 2022.</p> <p>VI All-Ukrainian Scientific and Practical Internet Conference Innovative Entrepreneurship: Status and Development Prospects. ", Kyiv, March 29-30, 2021</p> <p>II International Scientific and Practical Internet Conference "Problems and Achievements of Modern Biotechnology", Kharkiv, May 20, 2022.</p> <p>II All-Ukrainian scientific and practical internet conference with international participation "Current state and prospects of development of natural sciences in medical education". March 19, 2021, Donetsk, Ukraine.</p> <p>III International Symposium "Education and Health of the Growing Generation", Kyiv, 2021.</p> <p>III All-Ukrainian scientific and practical conference "Current problems of innovative activity and technology transfer - from theory to practice", September 16-17, 2021, Odessa.</p>



	<p>III scientific and practical internet conference with international participation "Mechanisms of the development of pathological processes and diseases and their pharmacological correction", November 19, 2020, Kharkiv</p> <p>1st international scientific-practical conference "Science, innovation, quality" December 17-18th, 2020, Berdyansk, Ukraine</p> <p>III International Scientific and practical conference. "Modern prospects for the development of science." 2019, Kyiv</p>
Link	<p><a href="https://scholar.google.com.ua/citations">https://scholar.google.com.ua/citations</a></p> <p><a href="https://orcid.org/0000-0002-7992-995X">https://orcid.org/0000-0002-7992-995X</a></p>
Certificates	<p>Certificate dated November 30, 2023 of the Center for Intellectual Property Research and Technology Transfer of the National Academy of Sciences of Ukraine. Advanced qualification under the program "Regulation of protection, distribution and use of intellectual property rights in contracts of scientific institutions of the National Academy of Sciences of Ukraine for the performance of scientific research and scientific and technical (experimental) developments" and agreements on cooperation in conducting scientific research".</p> <p>Certificate from 10/24-11/28/2023 UINTEI – 23066 Advanced training under the program "Innovations as new prospects for the sustainable development of the state's economy".</p> <p>Certificate dated 10/20/2021 of the National Agency for Quality Assurance of Higher Education. Advanced qualification under the program "Expert on Accreditation of Educational Programs".</p> <p>Certificate No. AA2858 dated November 19. 2021 from the company "Scientific publications". Advanced training under the program "International experience in the field of publishing. Successful publication in Scopus and Web of Science" (1EKTS)</p> <p>Certificate dated 07/14/2021 DNU "Ukrainian Institute of Scientific and Technical Expertise and Information" and the Investment Development League of Ukraine. Advanced training under the "Full range of investment opportunities" program.</p> <p>Certificate No. 00324 dated 04/23/2019 of the Ministry of Education and Culture of Ukraine and the Ukrainian Institute of Scientific and Technical Expertise and Information. Advanced training in intellectual property, technology transfer and innovation management (IP Marathon)</p>