

CURRICULUM VITAE

Lipson Victoria



date of birth* 23.10.1960

citizenship* Ukraine

Contact information*

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Personal profiles in scientometric databases*

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<https://www.webofscience.com/wos/author/record/719324>

ORCID, Scopus, Publons Web of Science, Google Scholar

Education*

O.M. Gorky Kharkiv State University, 1979-1984, chemistry, IB-I No. 206480, 23.06.1984

name of higher education institution, years of study, specialty, diploma number

Degree*

Doctor of Chemical Sciences, organic chemistry, 12.10.2007, V.N. Karazin Kharkiv National University, ДД No. 006440, 13.02.2008

name, specialty, date and place of defense, diploma number

Academic status*

Professor, 02.00.03, organic chemistry, 23.09.2014, 12ПП No. 009863

rank, specialty, date of assignment, series and certificate number

Professional work experience*

(for the last 10 years)

2004 - 31.10.2022 Head of the Medical Chemistry Department of the State Institution" V.Ya.Danylevsky Institute for Endocrine Pathology Problems National Academy of Medical Sciences of Ukraine".

	<p>2010 - 31.10.22 leading researcher of the Department of Organic and Bioorganic Chemistry of the State Scientific Institution "Institute for Single Crystals" of National Academy of Sciences of Ukraine (part-time).</p> <p>From 01.11.2022 - in the same position at the State Scientific Institution "Institute for Single Crystals" of National Academy of Sciences of Ukraine - the main place of work.</p> <p>2012-until now, professor of the Department of Organic Chemistry of V.N. Karazin Kharkiv National University (part-time).</p> <p><i>in reverse chronological order - Dates [from - to], Position, Name of unit and institution/organization</i></p>
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Main research activity

<p>Management of collective research projects (which received funding on a competitive basis from outside the main place of work)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Development and production of research and industrial series of a new class of highly effective chiral dopants for liquid crystal compositions (Code - "Polychrome"). State Scientific Institution "Institute for Single Crystals" of National Academy of Sciences of Ukraine. NAS of Ukraine. (2011-2012). 15. State Agency for Science, Innovation and Informatization of Ukraine. Contract No. Д3/482-2011. State registration No. 0111U008754</p> <p><i>(Scanned copy)</i></p> <p><i>name of the project, implementing institution, implementation period, number of participants, source of funding; be sure to specify: a link to the website or a scan of the document</i></p>
<p>Participation in collective research projects</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p><i>Head of the research project</i> "Directed synthesis, chemical transformations and properties of new nitrogen-containing heterocyclic compounds" (Code – «Prostir»), topics of the Department of Materials Science of the NASU, State registration No. 0122U001857 (2022-2024)</p> <p><i>Head of the research project</i> "Development of components of antimicrobial drugs to increase the effectiveness of their action and prevent resistance of microorganisms", the Call of the National Research Foundation of Ukraine «2022.01 Science for the Recovery of Ukraine in the War and Post-War Periods», State registration No 0123U103756 (2023-2024)/</p> <p><i>Head of the Ukrainian project:</i> "Synthesis of new representatives of heterocyclic compounds based on optically active natural substances and their analogues (Code – "Barvinok"). State registration No. 0113U001413 (2013-2015).</p> <p><i>Responsible executor of the Ukrainian projects:</i></p> <p>"The search for biologically active compounds capable of inhibiting the development of vascular risk factors associated with type 2 diabetes by modulating the extra-adrenal tissue-specific metabolism of glucocorticoids". State Institution" V.Ya. Danyilevsky Institute for</p>

	<p>Endocrine Pathology Problems National Academy of Medical Sciences of Ukraine". <i>Source of funding</i> - National Academy of Medical Sciences of Ukraine (NAMSU) state registration No. 0113U001283 (2013-2015).</p> <p>"The search for compounds with antidiabetic properties aimed at restoring tissue regulation of energy balance in the presence of type 2 diabetes with excess body weight or obesity". State Institution" V.Ya. Danylevsky Institute for Endocrine Pathology Problems National Academy of Medical Sciences of Ukraine". <i>Source of funding</i> -NAMSU state registration No. 0116U000333 (2016-2018).</p> <p>"To investigate the effect of modulators of sirtuin-1 activity on the determining links of the pathogenesis of type 2 diabetes, including hyperglycemic (metabolic) memory. State Institution" V.Ya. Danylevsky Institute for Endocrine Pathology Problems National Academy of Medical Sciences of Ukraine".<i>Source of funding</i> - NAMSU state registration No. 0119U002136 (2019-2021)</p> <p><i>status in the project and method/form of participation, name of the project, level of the project (all-Ukrainian, international), organizer/executor of the project, period of implementation, source of funding; be sure to specify: a link to the website or a scan of the document</i></p>
<p>Individual research projects (which received funding on a competitive basis from a third party)</p> <p>(no more than 5 positions in the last 10 years)</p>	<p>None</p> <p><i>name of the project, period of implementation, name of the grant and donor; be sure to specify: a link to the website or a scan of the document</i></p>

Main scientific achievements

<p>Published scientific works*</p> <p>(no more than 10 positions in the last 10 years)</p>	<ol style="list-style-type: none"> 1. Lipson V.V., Yaremenko F.G., Vakula V.M., Kovalenko S.V., Kyrychenko A.V., Desenko S.M., Borysko P.O., Zozulya S.O. Discovery of novel n-acylhydrazone derivatives as potent inhibitors of sirtuin-1 // <i>SynOpen</i>, 2024, V. 08, № 02. P. 100-108. DOI: 10.1055/s-0043-1763747 2. Lipson V.V., Yaremenko F.G., Vakula V.M., Kovalenko S.V., Kyrychenko A.V., Desenko S.M., Musatov V.I., Borysko P.O., Zozulya S.O. Imidazole derivatives as potent inhibitors of sirtuin-1 // <i>Functional Materials</i>, 2023, 30 (4), 304-314 (DOI: 10.15407/fm30.04.1, 3. Lipson V., Shirobokova M., Vakula V. Bisindolylmethanes and Relative Compounds: Synthesis, Green Chemistry, Drug Discovery and Environmental Pollution Control // <i>ChemSelect</i>. 2024. Vol. 9. e202401220. 4. Murlykina M., Pavlovska T., Semenenko O., Kolomiets O., Sanin E., Morozova A., Kornet M., Musatov V., Kulyk K., Mazepa A., Lipson V., and Chebanov V. Effective Three-Step Construction of Betulonic Acid Hybrids with Heterocycle-Containing Peptidomimetic Fragments //
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- Chemistry Select, 2023, 8, e202301250 (DOI: 10.1002/slct.202301250)
5. Chebanov V.A., Desenko S.M., Lipson V.V. Heterocycles on the crest of microwaves and ultrasonic in Institute for Single Crystals NAS of Ukraine: chemistry and history // Chemistry of Heterocyclic Compounds, 2023, 59, 386-405 (DOI: 10.1007/s10593-023-03207-w)
 6. Desenko S.M., Gorobets M.Yu., Lipson V.V., Sakhno Y.I., Chebanov V.A. Dihydroazolopyrimidines: Past, Present and Perspectives in Synthesis, Green Chemistry and Drug Discovery // The Chemical Record, 2023, e202300244 (DOI: 10.1002/tcr.202300244,
 7. Chebanov V.A., Desenko S.M., Lipson V.V., Gorobets N.Yu. Multicomponent-switched reactions in synthesis of heterocycles // Multicomponent Reactions towards Heterocycles: Concepts and Applications (Eds.: E.V. Van der Eycken, U.K. Sharma), Wiley-VCH, Weinheim, Germany 2022, 287-338 (doi: 10.1002/9783527832439.ch8)
 8. Chebanov V.A., Desenko S.M., Lipson V.V., Gorobets N.Yu. Multicomponent-switched reactions in synthesis of heterocycles // Multicomponent Reactions towards Heterocycles: Concepts and Applications (Eds.: E.V. Van der Eycken, U.K. Sharma), Wiley-VCH, Weinheim, Germany 2022, 287-338 (book chapter) ISBN 978-3-527-34908-1
 9. Lipson V.V., Pavlovska T.L., Svetlichnaya N.V., Poryvai A.A., Gorobets N.Yu., Van der Eycken E.V., Konovalova I.S., Shiskina S.V., Borisov A.V., Musatov V.I., Mazepa A. V. Novel (2-amino-4-arylimidazolyl)propanoic acids and pyrrolo[1,2-*c*]imidazoles via the domino reactions of 2-amino-4-arylimidazoles with carbonyl and methylene active compounds // Beilstein J. Org. Chem, 2019, 15, 1032–1045. doi:10.3762/bjoc.15.101
 10. Zhikol O. A., Shishkina S. V., Lipson V. V., Semenenko A. N., Mazepa, A.V., Borisov A. V. Mateychenko, P. V. Low molecular weight supramolecular dehydroepiandrosterone-based gelators: synthesis and molecular modeling study // New J Chem. 2019, 43, 13112-13122. DOI: 10.1039/c9nj01390c
 11. Pavlovska T.L., Lipson V.V., Shishkina S.V., Musatov V.I., Borisov A.V., Mazepa A.V. 1,3-Dipolar cycloaddition of (*E*)-4-(4-chlorophenyl)-2-oxobut-3-enic acid to 2-oxindole azomethine ylides // Chemistry of Heterocyclic Compounds, 2019, 55, 679–683. DOI 10.1007/s10593-019-02517-2
 12. Pavlovska T.L., Lipson V.V., Shishkina S.V., Musatov V.I., Nichaenko J.A., Dotsenko V.V. Synthesis of new spirooxindolopyrrolidines via three-component reaction of isatins, α -amino acids, and (*E*)-3-aryl-2-cyanoacrylamides or (*E*)-3-aryl-2-(4-arylthiazol-2-yl)acrylonitriles // Chem. Heterocycl. Compd, 2017, 53, 460-467. DOI 10.1007/s10593-017-2075-z

13. Pavlovska T. L., Redkin, R. Gr., Lipson, V. V., Atamanuk, D. V. Molecular diversity of spirooxindoles. Synthesis and biological activity // Mol. Divers. 2016, 20, 299-344. DOI 10.1007/s11030-015-9629-8
14. Pavlovska T.L., Yaremenko F.G., Lipson V.V., Shishkina S.V., Shishkin O. V., Musatov V.I., Karpenko A.S. The regioselective synthesis of spirooxindolo pyrrolidines and pyrrolizidines via three-component reactions of acrylamides and aroylacrylic acids with isatins and α -amino acids // Beilstein J. Org. Chem. 2014, 10, 117–126. doi:10.3762/bjoc.10.8
15. Petrova O. N., Zamigajlo L. L., Shishkina S. V., Shishkin O. V., Musatov V. I., Borisov A. V., Lipson V. V. A facile one-pot highly chemo- and regioselective synthesis of the novel heterocyclic system indolo[1,2-*c*]azolo[1,5-*a*]quinazoline-8,10-dione // Tetrahedron, 2013, 69, 11185-11190. doi.org/10.1016/j.tet.2013.10.073

full bibliographic description of each publication; it is mandatory to specify: for articles - the DOI index, for book publications the ISBN index; for articles in publications indexed in Scopus and/or WoS: journals - specify the Q1-Q4 quartile at the time of publication, in non-periodical publications - a link). If there are published reviews of the author's monographs, submit a full bibliographic description of each review and a link to the website of the publication where it was published

Other significant scientific achievements

(no more than 5 positions in the last 10 years)

1. Pat. 114868 UA IPC C09K 19/52 (2006.01), C09K 19/42 (2006.01), C07J 63/00, C07J 53/00. Derivatives of (1S,2S)-2,2'-spirocyclopropyl-pyralobetulone and chiral-nematic liquid-crystalline mixture [Text]/ O.M. Semenenko, M.L. Babak, I.M. Gella, N.B. Novikiva, V.V. Lipson, T.G. Drushlyak (UA) ; applicant SSI "Institute for Single Crystals" of National Academy of Sciences of Ukraine (UA).- a201606468 ; priority 13.06.2016 ; publ. 10.08.2017, Bull. № 15/2017. <https://base.uipv.org/searchINV/search.php?action=search>
2. Pat. №120562 UA IPC C07J 43/00 (2006.01). Bis-1,2,3-triazole dehydroepiandrosterone derivatives [Text] / V.V. Lipson, O.M. Semenenko (UA) ; applicant SSI "Institute for Single Crystals" of National Academy of Sciences of Ukraine (UA).- a201806120 ; priority 01.06.2018 ; publ. 26.12.2019, Bull. № 24/2019. <https://base.uipv.org/searchINV/search.php?action=search>
3. Pat. № 121946 UA IPC A61K 31/54 (2006.01), A61P 3/10 (2006.01), C07D 231/10 (2006.01), C07D 243/12 (2006.01), C07D 279/04 (2006.01). 5-[2-(1,3-Dimethyl-1H-pyrazol-4-yl)-2,3-dihydro-1H-1,5-benzodiazepin-4-yl]-4-hydroxy-2H-1,3- thiazine-2,6(3H)dione, which exhibits complex antidiabetic activity against the background of obesity, and the method of its preparation (options) [Text /Yu.I. Karachentzev, S.O. Zozulya, F.G. Yaremenko, I.M. Svidlo, P.O. Borisko, O.I. Gladkih, A.V. Grinukova, V.M. Vakula, N.S.Krasova, T.V. Tizhnenko, Z.A. Leschenko, V.V. Lipson, V.V. Poltorak (UA) ; applicant State Institution “V. Danilevsky Institute for Endocrine Pathology Problems of the National Academy of Medical Science of Ukraine”, Taras Shevchenko Kyiv National University (UA). - a201905275 ; priority 17.05.2019 ; publ. 10.08.2020, Bull. № 15/2020.<https://base.uipv.org/searchINV/search.php?action=search>

inventions, developments, patents; applications, methods, theories; electronic resources, including electronic archives, e-libraries, e-

depositories, e-collections, e-catalogs, e-directories, e-databases, etc., which have scientific and practical use outside of Ukraine (the name of the scientific product, role in the development (author, co-author, team member, etc.), time of creation; be sure to specify: a link to the website or a scan of the document (screenshot) with information on the use

Presentation of scientific results

Key (plenary) reports at nationwide or international conferences (except for conferences that were always held by correspondence)

1. Lipson V. Triterpenoids of the Lupane Series in Drug Design and Materials Science / International Symposium on Green Chemistry Applications on Medicinal and Aromatic Plants: Hypericum and Ruscus Species (GreenChemMap 2024) 16-18 October 2024, Artvin, Türkiye.

2. Lipson V.V., Vakula V.M., Tsygankov O.V., Bezugla O.P., Lyapunova A.M., Zinchenko I.O., Pinchukova N.O., Kyrychenko O.V., Shirobokova M.G., Malanchuk S.G., Mishina M.M., Vereshchak V.O., Myasninkova D.Yu. Derivatives of 3,3'-bisindolylmethane – powerful agents in the fight against bacterial resistance // XXVI Ukrainian Conference on Organic and Bioorganic Chemistry: abstracts, Uzhgorod, September 16-20, 2024. Uzhgorod, 2024. P. 43.

3. Modification of hydroxy- and oxo-derived triterpenoids of the lupan series and steroids for materials science and medicinal chemistry (plenary report) / V.V. Lipson, O.M. Semenenko, S.V. Shishkina, S.O. Zozulya, O.V. Vashchenko, L.V. Budyanska, N.O. Kasyan, A.O. Sadchenko // Jubilee XXV Ukrainian Conference on Organic and Bioorganic Chemistry, September 16-20, 2019, Lutsk, p. 10.

4. Glyoxals, aminoazoles and CH-acids in diversity-oriented synthesis of azoloazines (invited lecture) / V.V. Lipson // Chemistry of nitrogen containing heterocycles, CNCH-2018 : Book of Abstracts of 8th International Conference in memoriam of prof. Valeriy Orlov, Kharkiv, 12-16 November, 2018. – Kharkiv, 2018. – P 33.

5. Synthesis and molecular high-throughput screening in biochemical systems of compounds with antidiabetic activity (plenary report) / V.V. Lipson, F.G. Yaremenko, V.M. Vakula, I.M. Svidlo, S.O. Zozulya, N.S. Krasova, O.I. Gladkikh, Zh.A. Leshchenko, T.V. Tyzhnenko, V.V. Poltorak // Abstracts of reports of IX Congress of Endocrinologists of Ukraine devoted to 100th Anniversary of SI "V.Danylevsky Institute for Endocrine Pathology Problems of the NAMS of Ukraine", November 19-20, 2019 - Kharkiv, 2019. - P. 183-184.

6. Hybrid compounds based on tetra- and pentacyclic triterpenoids / V.V. Lipson, O.M. Semenenko, M.V. Murlykina [et al.] // Papers of the Ukrainian Scientific and Research Association: theses of reports of the All-Ukrainian Conference of Scientific Researchers, Lviv, September 19-25. 2021 - Lviv, 2021. - P. 25. (scanned copy)

the topic of the report, the format of the speech (live, online), the name of the conference/event, the organizer, the city and the date of the event, mandatory to specify: a link to the program of the event

<p>Personal speeches outside of Ukraine on the invitation of higher education institutions, research institutions or professional associations (except CIS countries)</p> <p><i>(no more than 10 positions in the last 10 years)</i></p>	<p>Prospects of pharmacological correction of hyperthyroidism /V.V. Lipson // Second Chinese-Ukrainian Scientific and Technical Innovation Forum, China, Harbin (October 11-14, 2018)</p> <p><i>topic of the report (lecture, seminar), name of the institution/organization, city, date, be sure to specify: link to the event announcement</i></p>
<p>Reports at scientific conferences* (seminars, symposia, etc.)</p> <p><i>(no more than 10 positions in the last 10 years)</i></p>	<p>V.V. Lipson. 3,3'-Bisindolylmethanes – potential agents in the fight against film formation of bacteria from the ESKAPE VI group. Oral report at the Ukrainian scientific conference “Kukhariv Chemical Readings – 2024”, Kyiv, November 28-29, 2024. http://surl.li/dvovjz</p> <p>New derivatives of the lupan series and their practical use / V. V. Lipson, M. L. Babak, O. M. Semenenko, I. M. Gella, S. V. Shishkina // Proceedings of the Ukrainian Conference on Organic Chemistry, Poltava, September 19-23. 2016 - Poltava, 2016 - P. 15.</p> <p>Glyoxals, aminoazoles and CH-acids in diversity-oriented synthesis of azoloazines (invited lecture) / V.V. Lipson // Chemistry of nitrogen containing heterocycles, CNCH-2018 : Book of Abstracts of 8th International Conference in memoriam of prof. Valeriy Orlov, Kharkiv, 12-16 November, 2018. – Kharkiv, 2018. – P 33. (scanned copy)</p> <p>Modification of hydroxy- and oxo-derived triterpenoids of the lupan series and steroids for the needs of materials science and medicinal chemistry (plenary report) / V.V. Lipson, O.M. Semenenko, S.V. Shishkina, S.O. Zozulya, O.V. Vashchenko, L.V. Budyanska, N.O. Kasyan, A.O. Sadchenko // Jubilee XXV Ukrainian Conference on Organic and Bioorganic Chemistry, September 16-20, 2019, Lutsk, p. 10 (scanned copy)</p> <p>Synthesis and molecular high-throughput screening in biochemical systems of compounds with antidiabetic activity (plenary report) / V.V. Lipson, F.G. Yaremenko, V.M. Vakula, I.M. Svidlo, S.O. Zozulya, N.S. Krasova, O.I. Gladkikh, Zh.A. Leshchenko, T.V. Tyzhnenko, V.V. Poltorak // Abstracts of reports of IX Congress of Endocrinologists of Ukraine devoted to 100th Anniversary of SI " V.Danylevsky Institute for Endocrine Pathology Problems of the NAMS of Ukraine", November 19-20, 2019 - Kharkiv, 2019. - P. 183-184. (scanned copy)</p> <p>Synthesis and Biological Activity of Hybrid Molecules on the Base of Lupane Scaffold / V.V. Lipson // Chinese-Ukrainian Forum on the Development of the Natural Medicine Industry 2020. Organizer: Harbin University of Commerce. December 13, 2020. (scanned copy)</p> <p><i>the topic of the report, the name of the conference/event, the organizer, the city and the date of the event, it is mandatory to indicate: a link to the program of the event (collection of theses, deposited work, etc.)</i></p>

<p>Promotion of scientific research</p> <p><i>(no more than 10 positions in the last 10 years)</i></p>	<p>V. Lipson in the program of Academician of the National Academy of Sciences of Ukraine V. Seminozhenko from July 30, 2024 on the YouTube channel "About Science. Competently" on the topic "Will antibiotics work?"</p> <p>https://www.youtube.com/watch?v=6OvhIbTIYgY&t=11s</p> <p><i>the author's most important popular scientific publications in print media and online publications, in particular abroad, appearances on all-Ukrainian television and radio channels, expert interviews and comments for international media, etc.; membership in the editorial boards of scientific and popular science publications in magazine or Internet format;</i></p> <p><i>mandatory to indicate: a link to the publication or, accordingly, the official website of the Internet publication.</i></p>
<p>Scientific and organizational activity</p>	
<p>Participation in the organizing committees of scientific events (conferences, seminars, symposia, round tables, panel discussions, etc.)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>None</p> <p><i>status in the organizing committee (chairman, co-chairman, coordinator, member, etc.), name of the conference, level (international, all-Ukrainian, regional, etc.), format (live, online, by correspondence), organizing institution, time and venue, mandatory to indicate: link to the program of the scientific event</i></p>
<p>Participation in editorial boards of periodical scientific publications (in which mandatory anonymous peer review is carried out)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Member of the editorial board of the journal "Problems of Endocrine Pathology", belongs to category A, 5 years https://www.jpep.endocrinology.org.ua/index.php/1</p> <p>Member of the editorial board "Journal of Organic and Pharmaceutical Chemistry", belongs to category B, 5 years http://ophcj.nuph.edu.ua/about/editorialTeam</p> <p><i>indicate status in the editorial board (chief editor, responsible editor, member, etc.), full name of the publication, academic status of the publication (indexed in scientometric databases, belongs to categories A-B, etc.), term of participation in the editorial board, mandatory to indicate: link to the official website with editorial staff</i></p>
<p>Scientific editing (arrangement) of scientific publications</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>None</p> <p><i>(collection of scientific works, collective monograph, collection of historical documents, anthology, academic dictionary, encyclopedia, etc., in addition to theses and materials of conferences, etc., which were recommended for publication by the academic council of a scientific institution or higher education institution; scientific editing of independent academic Internet resources that publish results of scientific research); mandatory to provide: bibliographic description of the publication, including the ISBN index, a link to the official website with the editorial team</i></p>
<p>Teaching activity</p>	

<p>The main author's educational courses at Higher Education Institutions (developed on the basis of own research)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>"Medical Chemistry" (II level), V.N. Karazina Kharkiv National University, Chemistry School, within the educational and professional program "Pharmaceutical Chemistry", 6 credits, 180 hours, 2021/2022 academic year. http://start.karazin.ua/app/webroot/files/upload/opp/2022/chem/102-pharm_chem.pdf</p> <p>"Chemistry of natural low molecular weight compounds" (II level) within the educational and professional program "Chemistry", 6 credits, 180 hours, 2013-2022 academic years http://start.karazin.ua/app/webroot/files/upload/opp/2022/chem/102-chem-onp-master.pdf</p> <p><i>name of the course, level (I-III level), full name of the higher education institution, teaching time, duration of the course in ac. hours, mandatory to specify: a link to the official website of the higher education institution</i></p>
<p>The main author's methodical developments (textbooks, manuals, methodical materials, educational programs for higher education)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Chemistry of natural low molecular weight compounds / V.V. Lipson. – Kharkiv: V.N. Karazin KhNU, 2013.-344 p. ISBN 978-966-623-924-5. (Rus. Lang.) https://karazinbook.com/sites/default/files/books/lipson_1.pdf</p> <p>Medicinal chemistry: textbook / V.D. Orlov, V.V. Lipson, V.V. Ivanov. - Kharkiv: Exclusive, 2018. - 552 p. ISBN 978-617-7204-80-9. (Rus. Lang.) https://www.nas.gov.ua/EN/Book/Pages/default.aspx?BookID=000011606</p> <p>Laboratory work on the chemistry of natural low-molecular compounds: educational methodical manual /V.V. Lipson, M.L. Babak, O.M. Semenenko. – Kharkiv: V.N. Karazin KhNU, 2017. – 56 p. (Ukr. Lang.) (scanned copy)</p> <p><i>full bibliographic description, mandatory to indicate: a link to the official website</i></p>
<p>Supervision of scientific works (scientific supervision or consulting of dissertation studies that have been successfully defended)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Mykola Leonidovych Babak "Synthesis of chiral dopants for liquid crystal compositions on the base of dianhydrohexitol and lupan molecular platforms", 02.00.03-organic chemistry, Ukrainian State University of Chemical Technology, Dnipro, 06.30.2016. <i>(https://udhtu.edu.ua/d-08-078-03)</i></p> <p>Tetyana Leonidivna Pavlovska "Synthesis and chemical properties of condensed and spirofused pyrrole derivatives ", 02.00.03-organic chemistry, V.N. Karazin Kharkiv National University, 04.06. 2018. <i>(http://chemistry.univer.kharkov.ua/uk/node/1523)</i></p> <p>Oleksandr Mykolayovych Semenenko "Synthesis and chemical properties of hydroxy- and oxoderivatives of the triterpenoids of the lupan series", 02.00.03-organic chemistry, V.N. Karazin Kharkiv National University, 25.10.2018. <i>(http://chemistry.univer.kharkov.ua/uk/node/1548)</i></p> <p>Natalya Igorivna Zemlyana "Condensed heterocycles - products of the interaction of aliphatic enones with 3-amino-1,2,4-triazole and 5-</p>

	<p>aminopyrazole", 02.00.03-organic chemistry, V.N. Karazin Kharkiv National University, 14.06.2019</p> <p>(http://chemistry.univer.kharkov.ua/uk/node/1634)</p> <p><i>searcher's full name, dissertation topic, specialty, place and date of defense, mandatory to include: a link to the announcement of the defense.</i></p>
Expert activity	
<p>Membership in specialized academic councils for dissertation defense</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>4248</p> <p>102 Chemistry</p> <p>SSI "Institute for Single Crystals" of the National Academy of Sciences of Ukraine</p> <p>February 23, 2024</p> <p>ДФ 08.078.008</p> <p>102 Chemistry</p> <p>Ukrainian State University of Chemical Technology</p> <p>26 November 2021</p> <p>https://udhtu.edu.ua/razovi-spetsializovani-vcheni-rady</p> <p><i>board code, specialty, institution, term of office, must specify: link to the official website</i></p>
<p>Participation in expert councils (supervisory, advisory, expert or other councils of scientific, educational or research institutions, enterprises, cultural institutions, scientific publishing houses outside the main place of work)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>None</p> <p><i>the name of the expert body, the name of the institution/organization, the term of performance of duties, it is mandatory to specify: link to the official website</i></p>
<p>Participation in calls commissions (jury) (all-Ukrainian or international calls, Olympiads, tournaments of research projects, scientific papers, etc.)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Permanent member of the jury of the All-Ukrainian competition-defense of scientific and research works of students - members of the Small Academy of Sciences of Ukraine.</p> <p><i>status, name of the competition, organizer, term of office; mandatory to specify: a link to the official website</i></p>

<p>Scientific and expert activities for authorities (scientific and expert conclusions, comments, conclusions, etc. made at the request or order of authorities and self-government bodies, state structures, institutions, etc.)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Member of the competition commission of the Ministry of Education and Science for the selection of scientific projects implemented by subordinate higher educational institutions of III-IV levels of accreditation and scientific institutions of the Ministry at the expense of the general fund of the state budget and member of the section "Life Sciences, New Technologies for the Prevention and Treatment of the Most Common Diseases" of the Scientific and Technical Council of the Ministry of Education and Science for the formation and implementation of state orders for the most important scientific and technical (experimental) developments and scientific and technical products. Member of the expert group of the Ministry of Education and Science of Ukraine EG-04 for evaluating the effectiveness of the activities of scientific institutions in the scientific direction of engineering and technical sciences. Specialty: 162 – Biotechnology and bioengineering. Expert assessment of institutions' activities in 2019-2021.</p> <p>Member of the section of the Scientific and Technical Council of the Ministry of Education and Science of Ukraine "Life sciences, new technologies for the prevention and treatment of the most common diseases" (2015-2022); order of the Ministry of Education and Science of February 4, 2015, No. 93</p> <p>Member of the expert group of the Scientific Council of the Ministry of Education and Science of Ukraine, Section No. 15 "Biology, Biotechnology and Current Problems of Medical Sciences" (2019-2022) (Chairman of the Section R.A. Volkov r.volkov@chnu.edu.ua; Secretary S.V. Chebotar s.v.chebotar@onu.edu.ua)</p> <p><i>data on the number and concise content of scientific and expert documents, indicating (for each document) the state authorities in whose interests and on whose order they were prepared</i></p>
<p>Scientific review of publications and projects* (number of anonymous reviews of manuscripts of scientific works submitted for publication in international scientific journals over the past 5 years; author reviews of scientific publications published in specialized periodicals)</p> <p><i>(no more than 5 positions in the last 5 years)</i></p>	<p>None</p> <p><i>must provide: copies of reviewer and/or expert certificates or link to WoS profile, links to published author reviews</i></p>
<p>Honors and awards</p>	

<p>Honorary titles and statuses (honored worker of science and technology, academician, doctor honoris causa, etc.)</p>	<p>Honorary Doctor of the SSI "Institute for Single Crystals" of the National Academy of Sciences of Ukraine (2021)</p> <p><i>a full description of the rank, by whom and when it was awarded, must be provided: a scan of the certificate or a link to the official website</i></p>
<p>Laureate of a prize (awards, honors) of the international or national level, awarded on a competitive basis</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Laureate of the State award of Ukraine in the field of science and technology in 2019 "For highly selective methods of synthesis of heterocyclic compounds for the development of components of functional materials and the creation of new medicinal products"</p> <p>http://www.kdpu-nt.gov.ua/uk/content/za-vysokoselektivni-metody-syntezy-geterocyklichnyh-spoluk-dlya-rozrobky-komponentiv</p> <p><i>the full name of the award (prizes, honors), the founder, when and for what it was awarded, it is mandatory to provide: a scan of the certificate or a link to the official website</i></p>
<p>Awards or honors for scientific achievements (from institutions, departments, authorities and local self-government bodies, etc.)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Name scholarship for outstanding scientists named after M.M. Beketov (in the field of chemistry) of the Kharkiv Regional State Administration, 2012. (scanned copy)</p> <p>"Inventor of the Year of the National Academy of Sciences of Ukraine". Resolution of the Presidium of the National Academy of Sciences of Ukraine. May 16, 2018. No. 159.</p> <p>Award of the National Academy of Sciences of Ukraine "For the preparation of scientific change" on November 14, 2018. Certificate No. 545.</p> <p><i>the full name of the award (honors), by whom, when and for what it was awarded, mandatory to provide: a scan of the certificate or a link to the official website</i></p>
<h2>Improvement of scientific qualification</h2>	
<p>Additional professional schools (trainings, summer schools, educational seminars, master classes, courses, etc., to acquire relevant scientific knowledge, skills and abilities)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>None</p> <p><i>name of higher school, organizer, time and place, type of certificate of successful completion; mandatory to provide: a scan of the certificate or a link to the official website</i></p>
<p>Scientific internships abroad (lasting more than 2 months, in higher education institutions or research</p>	<p>None</p>

institutions, except correspondence and with the exception of CIS countries) <i>(no more than 5 positions in the last 10 years)</i>	<i>full name of the internship (exchange) program, institution, city and country, exact dates of stay; mandatory to provide: a scan of the certificate or a link to the official website</i>
Membership in independent scientific organizations (non-institutional professional academic associations, societies, unions, unions of researchers, except trade unions) <i>(no more than 5 positions in the last 10 years)</i>	None <i>full name of the organization in the original language, region of activity (all-Ukrainian, international, European, etc.), status in the organization (member, member of the governing body, chairman, etc.), period of participation or performance of functions; it is mandatory to provide: confirmation of membership (a copy of the document on the payment of membership fees, a link to the official website with information about membership).</i>
Additional information on other important scientific achievements, qualifications, competences, or types of scientific activity that are significant for the implementation of the submitted research/development project <i>(no more than 5 positions in the last 10 years)</i>	None
Foreign languages skills*	English (Upper-Intermediate) (Confirmed by the presence of 10 articles that published in English language in scientific publications included in the scientometric databases "Scopus" or "Web of Science" and ISSN-number confirmed on the website of the International Center for the Registry of Periodical Records): 1 Chebanov V.A., Desenko S.M., Lipson V.V., Gorobets N.Yu. Multicomponent-switched reactions in synthesis of heterocycles // Multicomponent Reactions towards Heterocycles: Concepts and Applications (Eds.: E.V. Van der Eycken, U.K. Sharma), Wiley-VCH, Weinheim, Germany 2022, 287-338 (book chapter) ISBN 978-3-527-34908-1 2 Lipson V.V., Pavlovska T.L., Svetlichnaya N.V., Poryvai A.A., Gorobets N.Yu., Van der Eycken E.V., Konovalova I.S., Shiskina S.V., Borisov A.V., Musatov V.I., Mazepa A. V. Novel (2-amino-4-arylimidazolyl)propanoic acids and pyrrolo[1,2- <i>c</i>]imidazoles via the domino reactions of 2-amino-4-arylimidazoles with carbonyl and methylene active compounds // Beilstein J. Org. Chem, 2019, 15, 1032–1045. doi:10.3762/bjoc.15.101 / Q2 3 Zhikol O. A., Shishkina S. V., Lipson V. V., Semenenko A. N., Mazepa, A.V., Borisov A. V. Mateychenko, P. V. Low molecular weight supramolecular dehydroepiandrosterone-based gelators:

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