




Curriculum Vitae


Badanina V.A.


PERSONAL INFORMATION



Badanina Vladyslava Anatoliivna

 *boulevard of Akademika Glushkova 2, Kyiv, 03022, Ukraine*

 (044) 521-33-36

 [Електронна адреса \(службова\)](#)



Account (profile) in scientific databases: [Scopus Author ID: 57203162160](#)

<https://orcid.org/0000-0002-6866-8002>

Sex Female | Citizenship Ukraine

Scientific degrees (specialization)	PhD of Science in Biology, 03.00.05 - botany
Academic rank	Docent or Associate professor
Position	Docent or Associate professor, lecturer
Department	Plant Biology
Faculty/Institute	ESC "Institute of Biology and Medicine"

EDUCATIONAL DISCIPLINES IN WHICH WAS INVOLVED:

Current year	<ol style="list-style-type: none">1. «Botany», educational level Bachelor, the 1-st year full-time form of study lectures and practical course (Specialty 091 Biology);2. "Plant biology", educational degree «Bachelor», 1st course, full-time form of study lectures and practical course (Specialty 206 «Landscape-gardening farm»).3. «Decorative dendrology», educational level Bachelor, the 2-nd year (2-nd semesters); lectures and practical course (Specialty 206 «Landscape-gardening farm»).4. «"Topiary art and the basics of composition», educational level Bachelor, the 4-nd year (2-nd semesters); lectures and practical course (Specialty 206 «Landscape-gardening farm»).5. «Zoning of urban areas according to functional purpose and specifics of their landscaping», educational level Master, 1-st year (2-nd semester) lectures and practical course (Specialty 206 «Landscape-gardening farm»).6. Educational practice in botany and zoology - educational degree «Bachelor», 1st course, full-time form of extracurricular course.
Previous years	All the disciplines mentioned above and «Botany», educational level Bachelor, the 1-st year (1st and 2-nd semesters) lectures and practical course (Specialty 091 Biology (high technologies); «Evolutionary anatomy and morphology of Flowering plants», educational level Bachelor, 4-th year. (1st semester); lectures course (Specialty 091 Biology); «Systematics of of Flowering plants», educational level Bachelor, 4-th year (2-nd semester); lectures (Specialty 091 Biology); «Laboratory workshop», educational level Bachelor, 4-th year. (1st and 2nd semesters) (Specialty 091 Biology); «Applied Botany», educational level Master, 2-nd year (1st semester) lectures and practical course (Specialty 091

	<p>Biology).</p> <p>«Medical biology», educational level Bachelor, 1-st year, (1-st semester); practical course (Specialty Medicine) (2018-2021).</p> <p>«Specifics of the use of plants in landscaping urban areas for various functional purposes», educational level Master, 1-st year (2-nd semester) lectures and practical course (Specialty 206 «Landscape-gardening farm») (2020).</p> <p>«Vertical landscaping of urban areas», educational level Master, 1-st year (2-nd semester) lectures and practical course (Specialty 206 «Landscape-gardening farm»).</p> <p>«Methods of botanical research», educational level Bachelor, 3-rd year (2end semester); lectures and practical course (Specialty 091 Biology); (2006 - 2012).</p> <p>«Plant cytoembryology», educational level Bachelor, 3-rd year (2end semester); lectures and practical course (Specialty 091 Biology); (2007, 2008).</p> <p>«Comparative cytology of plants», educational level Bachelor, 3-rd year (2end semester); lectures and practical course (Specialty 091 Biology) (2011, 2012).</p> <p>«Evolutionary morphology of plants», educational level Bachelor, 4-th year. (1st semester); lectures and practical course (Specialty 091 Biology) (2006-2011).</p> <p>«Evolutionary anatomy of plants», educational level Bachelor, 4-th year. (1st semester); lectures and practical course (Specialty 091 Biology) (2006-2011).</p> <p>«Phytodesign and decorative floristry», educational level Master, 2 year (1st semester) lectures and practical course (Specialty 091 Biology) (2006-2011).</p>
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EXPERIENCE OF SCIENTIFIC AND SCIENTIFIC-TEACHING WORK

Period (starting from last)	Description
since 2017 to date	<p>Position: Associate Professor at the Department of Botany (from 2016–Department of Plant Biology)</p> <hr/> <p>Name of the organization: Taras Shevchenko National University of Kyiv (64/13 Volodymyrska str., 01601 Kyiv, Ukraine; WEB-site:http://www.univ.kiev.ua)</p> <p>Main activity and job description: conducting lectures, seminars and laboratory classes on compulsory and optional educational disciplines; supervision of students' course and degree works; educational and methodological works writing; participation in research projects of the Department</p> <hr/> <p>Area of activity: Education / Science</p>
2002	<i>Associate professor of Department of Botany</i>
from 1998 to 2016	<p>Position: Assistant Professor at the Department of Botany</p> <p>Name of the organization: Taras Shevchenko National University of Kyiv (64/13 Volodymyrska str., 01601 Kyiv, Ukraine; WEB-site:http://www.univ.kiev.ua)</p> <p>Main activity and job description: conducting lectures, seminars and laboratory classes on compulsory and optional educational disciplines; supervision of students' course and degree works; educational and methodological works writing; participation in research projects of the Department</p> <hr/> <p>Area of activity: Education / Science</p>
from 1997 to 1998	<i>Assistant of Department of botany</i>
	<p>Name of the organization: Taras Shevchenko National University of Kyiv (64/13 Volodymyrska str., 01601 Kyiv, Ukraine; WEB-site:http://www.univ.kiev.ua)</p> <hr/> <p>Area of activity: Education / Science</p>
from 1995 to 1997	<p>Position: <i>Junior Researcher of Department of botany</i></p> <p>Name of the organization: <i>Biological faculty of Taras Shevchenko National University of Kyiv</i></p>

	Main activity and job description: participation in research projects of the Department
	Area of activity: <i>Science</i>

TRAINING AND STORAGE

Period (starting from last)	Description
from 11.05.2022 to 27.05.2022	Taras Shevchenko National University of Kyiv Advanced training under the program 'The role of guarantors of educational programs in the development of internal quality assurance of education'
from 03.03.2021 to 11.03.2021	Taras Shevchenko National University of Kyiv Advanced training under the program 'The role of guarantors of educational programs in the development of internal quality assurance of education'
from 18.01.2021 to 22.01.2021	Taras Shevchenko National University of Kyiv Training and development of pedagogical competencies of teachers "KNU Teach Week" Experience in the improvement of distance education effectiveness (means and methods).
from 11.09.2017 to 11.10.2017	Scientific internship and research work at the M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Department of Taxonomy and Floristics of vascular plants, 2, Tereshchenkivska str., 01601, Kyiv, Ukraine List of acquired skills: Methods of preparing micropreparations of epidermal leaves in the paradermal plane for the use of light and scanning electron microscopys. The anatomical and mor phological structure of <i>Ginkgo biloba</i> leaves in the heat conditions of Kyiv was investigated. The study was carried out on the territory of Academician O.V. Fomin Botanical Garden and M.M. Gryshko National Botanical Garden of the NAS of Ukraine. It was used light and scanning electron microscopy. The results are implemented in the educational process («Decorative dendrology», «Specifics of the use of plants in landscaping urban areas for various functional purposes»).
2005	Scientific internship and research work at the M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Department of Department of Taxonomy and Floristics of vascular plants, laboratory of palynology. 2, Tereshchenkivska str., 01601, Kyiv, Ukraine List of acquired skills: Methods of light and scanning electron microscopy for for pollen research. Palynomorphological studies of 4 genera of Asteraceae flora of Ukraine have been carried out. Description of pollen compiled. compiled a key for determining pollen. The results are implemented in the educational process («Methods of botanical research», «Evolutionary morphology of plants», «Evolutionary anatomy of plants»).
1997	Ph.D. in biological sciences: «Genus <i>Doronicum</i> L. (Asteraceae) in Ukraine (morphology, anatomy, systematics, phytochorology)»
from 1992 to 1995	PhD student of Taras Shevchenko National University of Kyiv, Faculty of Biology
from 1987 to 1992	Education: Student at Faculty of Biology, Kyiv State T.G. Shevchenko University Experience/degree: Biologist – Botany of hige plants. Teacher of Biology and Chemistry.

PERSONAL SKILLS

Name	Рівень (опис)
Native language	Ukrainian
Foreign language 1	Russian, fluently
Foreign language 2	English, Level (A2/B1)
Foreign language 3	Polish, Level (A1/A2)
Communicative competence	In order to develop students' theoretical knowledge and professional skills, provide different types of interactive communication at seminars, laboratory and practical classes as well as during the conduction of research projects. Use scientific networking in my educational and scientific work. Well communicative with colleagues and students

Organizational / management competence	<p>I manage the summer training for students of the first year of the educational degree «Bachelor», (the number of students is 20 - 40). Supervise course works, students' scientific projects and qualification work at the "Bachelor" and "Master" educational levels.</p> <p>I was the deputy head of Department of Botany (1998- 2016 pp.) and secretary of Department of Botany (2012-2016 pp.) of Educational and Scientific Center "Institute of Biology and Medicine"</p> <p>Member of the jury of the student's scientific works competition, student's Olympiad, competition INTEL ECO Ukraine.</p> <p>Curator.</p>
Computer skills	Microsoft Office user (Word, Excel, PowerPoint). Confident user of the Internet.
Other computer skills	Free possession of a standard PC user set (Windows, Microsoft Office, Internet, Multimedia, Photoshop, Mouvi Marcet); use the software to create presentations, posters, to edit pictures and photos.
Professional skills (not mentioned above)	<p>Methods of light and scanning electron microscopy.</p> <p>Methods of phytodesign and decoration floristic.</p> <p>Well-known for the preparation of documents related to the procedure for the obtaining a license (since 2019, I have been acting as the garant of aducational program «Urban Landscape Design» 206 «Landscape-gardening farm» Master level).</p> <p>Participate in writing textbooks and study guides on botany. Participate in scientific research. I review educational and scientific publications. I am an opponent of candidate's theses.</p>
Fields of professional interests	Systematics of Magnoliophyta; palinology, comparative anatomy and morphology of vegetative and reproductive organs, studies of stomata's complexes and transport sistem Magnoliophyta; Applied Botany: phytodesign and decoration floristic.

ADDITIONAL INFORMATION

Item	Titles of publications, projects, conferences, awards and prizes, memberships in academies and societies etc
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Publications

The author of over 110 sciences, sciences method. works and 4 textbooks "Еволюційна морфологія Magnoliophyta. Конспект лекцій" (2018); Робочий зошит із медичної біології. Практичні заняття / В.М. Трохимець, О.К. Вороніна, К.С. Афанасьєва, В.А. Баданіна, О.В. Вашека. - К.: ВПЦ Київський університет, 2020. – 135 с.

Selected Works:

1. Oxana A. Futorna , **Vladislava A. Badanina**, Marina N. Gaidarzhly , Anastasiya V. Golubenko , Nataliya Yu. Taran Variability of Anatomical Features of Leaf Blade in Species of Genus *Magnolia* L. on the First Ontomorphogenesis Stages // Journal of Automation and Information Sciences. – 2020. – 52(4). – P. 26-37. DOI:10.1615/JAutomatInfScien.v52.i4.30 **(Scopus)**

2. Shevchyk V.L., **Badanina V.A.**, Matsyura A.V., Hordii N.M., Bezsmertna O.O., Rubanovska N.V., Babytskiy A.I. Modern distribution and phytocenotic features of *Allium* L. in the forest steppe of Dnipro region // Ukrainian Journal of Ecology. -10 (1). -2020. -P.273-276.doi: 10.15421/2020_43. **(Web of Science)**

3. Futornyi, D.D., **Badanina, V.A.** Variability of anatomical features in plants *Syrenia dolichostylos* Klokov in the process of ontomorphogenesis // Journal of Automation and Information Sciences. – 2019. – 51 (6). – P. 51-60. DOI: 10.1615/JAutomatInfScien.v51.i6.50 **(Scopus)**

4. Svetlova N.B., Storozhenko V.A., Futorna O.A., **Badanina V.A.**, Tischenko O.V., Olshanskij I.G., Taran N.Yu. Estimation of the Prospects of Using Model Species of Wood Plants for the Overcoming the "City Heat Island" by Parameters of the Functional State of Photosynthetic Apparatus // Journal of Automation and Information Sciences. – 2018. - 50(12). – P. 51-61. DOI: 10.1615/JAutomatInfScien.v50.i12.40 **(Scopus)**

5. Боярчук А.Ю., **Баданіна В.А.** Проектна пропозиція з озеленення затінених зон інтер'єру Навчально-наукового центру «Інститут біології та медицини» КНУ імені Тараса Шевченка (м. Київ, Україна) // Modern directions of scientific research development. Proceedings of the 13th International scientific and practical conference. BoScience Publisher. Chicago, USA. 2022. Pp. 27-31. URL: <https://sci-conf.com.ua/xiii-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiyamodern-directions-of-scientific-research-development-15-17-iyunya-2022-godachikago-ssha-arhiv/>

6. Гетьманська А.К., **Баданіна В.А.** Проект альпійської гірки за участі ґрунтопокривних рослин // Modern directions of scientific research development. Proceedings of the 13th International scientific and practical conference. BoScience Publisher. Chicago, USA. 2022. Pp. 35-40. URL: <https://sci-conf.com.ua/xiii-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiyamodern-directions-of-scientific-research-development-15-17-iyunya-2022-godachikago-ssha-arhiv/>

7. Лугова О. М., **Баданіна В. А.** ДОСВІД ВИКОРИСТАННЯ СУКУЛЕНТИВ ПРИ СТВОРЕННІ ВЕРТИКАЛЬНИХ САДІВ // *Modern scientific research: achievements, innovations and development prospects. Proceedings of the 14th International scientific and practical conference. MDPC Publishing. Berlin, Germany. 2022. Pp. 23-29. URL: https://sci-conf.com.ua/xiv-mizhnarodna-naukovo-praktichna-konferentsiya-modern-scientific-research-achievements-innovations-and-development-prospects-17-19-07-2022-berlin-nimechchina-arhiv/.*

8. **В. Баданіна**, В. Шпагін, Н. Таран Рослини – репеленти та ландшафти урбопросторів в умовах пандемії // Вісник КНУ ім. Тараса Шевченка. Серія: Біологія. – 2021. – 2 (85). – С. 12 – 15.

9. Пастух А. М., **Баданіна В. А.** Проект вертикального оформлення центрального фасаду Навчально-наукового центру «Інститут біології та медицини» КНУ імені Тараса Шевченка (м. Київ) // *Topical issues of modern science, society and education. Proceedings of the 6th International scientific and practical conference. SPC —Sci-conf.com.ua* // Kharkiv, Ukraine. 2021. Pp. 38-44. URL: [https://sci-conf.com.ua/vi-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-topical-issues-of-modern-science-society-and-education-26-28-dekabrya-2021-goda-harkov-ukraina-arhiv/.](https://sci-conf.com.ua/vi-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-topical-issues-of-modern-science-society-and-education-26-28-dekabrya-2021-goda-harkov-ukraina-arhiv/)

10. Горбач А. С., **Баданіна В. А.** Проектна пропозиція з озеленення та благоустрою присадибної ділянки в с. Нова-Березівка (Київська обл.) // Modern science: innovations and perspectives. Materials of the 2nd International Scientific and Practical Conference. SSPG Publication. Stockholm, Sweden. 2021. p. 24-27 // URL: <https://sci-conf.com.ua/ii-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-modern-science-innovations-and-prospects-7-9-noyabrya-2021-goda-stokgolm-shvetsiya-arhiv/>

11. Горбач А. С., **Баданіна В. А.** Екстенсивне озеленення дахів будинків в умовах урболандшафту // Рослини та урбанізація: Матеріали десятої Міжнародної науково-практичної конференції „Рослини та урбанізація” (Дніпро, 3 березня 2021 р.). – Дніпро, 2021. – С. 13 – 15.

12. Svetlova N. B., **Badanina V. A.**, Kazantsev T. A., Palagecha R. M., Taran N. Yu. The climate-forming ability of Magnoliaceae Juss. family in urban landscapes phytocenosis // Science and Education a New Dimension. Natural and Technical Sciences, VIII(27), Issue: 224, 2020 Feb.–P. 22-23. <https://doi.org/10.31174/SEND-NT2020-224VIII27-05>

Проекти	<p>2017/2019: Ф 76 / 37497, grant 0117U001999 " Development of a strategy to overcome the Urban Island of Heat in the urban landscape of Kyiv based on the selection of stress-tolerant species of the world flora ".</p> <p>2011-2015: "Conservation of biodiversity and comprehensive study of adaptation strategies of phyto-, zoo and virobiots of Ukraine using bioinformatics technologies" (DPRK №11BF036-02).</p> <p>2004-2009, "Study of ecological especially and bioindicator properties of different organisms and their groups in conditions of environment transformation for solving biosafety problems of Ukraine".</p> <p>Scientific-technical expertise № NO06-42 "Identification of seeds of weed plants in a wheat sample ODL 0710-0136".</p> <p>Scientific-technical expertise № 8H036-08 "Establishing the species composition of lupine and determining the percentage of its seeds in a soybean sample number OD0810-0072 using morphological method").</p>
Conferences	<p>14th International scientific and practical conference "Modern scientific research: achievements, innovations and development prospects" (Berlin, Germany, 2022).</p> <p>13th International scientific and practical conference «Modern directions of scientific research development» (Chicago, USA. 2022).</p> <p>2nd International Scientific and Practical Conference «Modern science: innovations and perspectives» (Stockholm, Sweden, 2021).</p> <p>VI Міжнародна наук.-практ. конференція "TOPICAL ISSUES OF MODERN SCIENCE, SOCIETY AND EDUCATION" (Харків, 2021).</p> <p>Міжнародна наук.-практ. конференція „Рослини та урбанізація” (Дніпро, 2019, 2021).</p> <p>BioScience Advances (Kyiv, 2017, 2020, 2021).</p> <p>The 5 th International scientific and practical conference «Priority directions of science development» (Lviv, Ukraine, 2020).</p> <p>Simpozionului stiintific international "Conservarea diversitatii plantelor" consacrat aniversarii a 60-a de la fondarea, Gradinii Botanice (Institut) a Academiei de Stiinte a Moldovei 7-9 octombrie 2010.</p>
	<p>Scholar named after Mykola Kholodny (1992).</p> <p>Gratitude of the of Taras Shevchenko National University of Kyiv for many years of hard work, significant personal contribution to the training of highly qualified specialists and fruitful scientific and pedagogical activities (2016).</p> <p>The honorary diploma of Taras Shevchenko National University of Kyiv for successes in educational and scientific work (2019).</p>
Membership in academies, professional and scientific associations	<p>Member of Ukrainian Botanical Society</p>
Certificates	<p>Institute of Postgraduate Education of Taras Shevchenko National University of Kyiv, March 11, 2021, certificate of advanced training № 103-21 (1 ECTS credits).</p> <p>For being an active partisipant in:</p> <ul style="list-style-type: none"> • 14th International scientific and practical conference "Modern scientific research: achievements, innovations and development prospects" (Berlin, Germany, 2022) (0,8 ECTS credits). • 13th International scientific and practical conference «Modern directions of scientific research development» (Chicago, USA. 2022) (1,6 ECTS credits). • 2nd International Scientific and Practical Conference «Modern science: innovations and perspectives» (Stockholm, Sweden, 2021) (0,8 ECTS credits). • VI Міжнародній наук.-практ. конференції "TOPICAL ISSUES OF MODERN SCIENCE, SOCIETY AND EDUCATION" (Харків, 2021) (0,8 ECTS credits).