



Curriculum Vitae



Shevchenko Tetiana

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Аккаунт (профіль) в наукометричних базах даних Scopus Author ID: 18437976800

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Gender F| Citizenship [Ukraine](#)

Scientific degrees (field)	PhD, DrSci (virology)
Academic rank	Associate Professor
Position	Associate Professor
Department	Virology
Faculty/ Institution	Educational and Scientific Center "Institute of Biology and Medicine"

EDUCATIONAL DISCIPLINES:

In the current year	<ol style="list-style-type: none"> 1. Archaea, mycoplasma and cyanobacteria viruses, educational level "Master", 2nd year of study 2. Virology with virological diagnostics, educational level "Bachelor", 3d year of study 3. Methods of modern biological research, educational level "Master", 1st year of study 4. Bacteriophages, educational level "Bachelor", 4th year of study 5. Virology Laboratory classes, educational level "Bachelor", 4th year of study 6. Microbiology, virology, and immunology. educational level "Master" medicine, 2nd year of study
In previous years	<ol style="list-style-type: none"> 1. Virology, educational level "Bachelor", 2nd year of study, lab work 2. Bacteriophages, educational level "Bachelor", 4th year of study 3. Phytopathology, educational level "Master", 2nd year of study 4. Microscopic eukaryotic viruses, educational level "Master", 2nd year of study. 5. Biochemistry of viruses, educational level "Bachelor", 3d year of study

EXPERIENCE OF SCIENTIFIC AND SCIENTIFIC-EDUCATIONAL WORK

Period (starting from the last one)	Stage (description)
From 2011 until now	Associate Professor of Virology Department, Educational and Scientific Center «Institute of Biology and Medicine» Taras Shevchenko National University of Kyiv; 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601, univ.kiev.ua Education
from 2004 till 2011	Assistant Professor of Virology Department, Educational and Scientific Center "Institute of Biology" Taras Shevchenko National University of Kyiv; 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601, univ.kiev.ua Education
from 2002 till 2004	Senior Researcher at Research Laboratory "Virus ecology and Diagnostics of viral

from 2002 till 2000	diseases', Taras Shevchenko National University of Kyiv; 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601, univ.kiev.ua Science Senior Researcher at the laboratory of phytovirology, Institute of Agroecology and Biotechnology of Ukrainian Academy of Agrarian Sciences, 12, Metrologichna Street, City of Kyiv, Ukraine, 03143 http://agroeco.org.ua/ Science
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STUDY AND TRAINING

Period (starting from the last one)	Stage (description)
2020	DrSci 03..00.06 virology Thesis "Molecular epidemiology of plant virus vegetable crops Ukraine"
from 1996 till 1999	PhD Student of Institute of Agroecology and Biotechnology of Ukrainian Academy of Agrarian Sciences, Kyiv PhD thesis: "Biological and molecular properties of Tobacco mosaic virus isolates (Tobamovirus) collected from different regions of Ukraine"
from 1991 till 1996	Student of Biology Faculty of Taras Shevchenko National University of Kyiv Qualification – MS - biologist, microbiologist, teacher of biology

PERSONAL SKILLS

Item	Level (description)
Native language	Ukrainian
Foreign language	English, B2, Kyiv state language school "Interlingua", certificate № 2-1433, 2017
Communication competences	Communication skills were obtained during the work of a lecturer at the Department of Virology NSC "Institute of Biology and Medicine" and participation in international scientific conferences
Organizational / manager competences	Member of the organizing committee of the conference "Bioresources and viruses" Supervisor of student scientific work.
Computer skills	Knowledge of Windows. Advanced user of MS Office (Excel, Word, Outlook), Internet (Opera, Internet Explorer, Mozilla Firefox) and e-mail (Outlook Express). Text and image editors (Word, WordPad, PowerPoint, Paint, Excel, Photoshop, CorelDraw).
Professional skills	Light microscopy, transmission electron microscopy, enzyme linked immunosorbent assay (direct, indirect, DAS-ELISA), protein polyacrylamide gel electrophoresis and Western blotting, nucleic acid agarose gel electrophoresis, plant virus detection/extraction/purification/accumulation, virus nucleic acid extraction, methods of indicator plants, animal handling, animal immunization and antisera's obtaining.
Professional interest	Diagnostics and identification of viral diseases in plants; determination of immunological and molecular properties of plant viruses; plant virus strain diversity and distribution of plant viruses in Ukraine

ADDITIONAL INFORMATION

Item	(names of publications, presentations, projects, conferences, seminars, names of awards and prizes, membership in academies, professional and scientific associations, etc.)
Selected publications	Kharina A.V., Shevchenko T.P., Shevchenko O.V., Korotyeva A.V., Budzanivska I.G. Microbiology, virology, and immunology. Laboratory Notebook. Part 2: Virology \ K.: Kyiv University Publishing and Printing Centre, 2020. – 63 p. Virology: a tutorial for laboratory training / V.P. Polishchuk, I.G. Budzanivska, T.P. Shevchenko, O.M. Andriychuk, T.A. Kompanets, O.A. Kondratyuk, G.V. Korotyeyeva, O.V. Molchanets, A.V. Kharina, O.V. Shevchenko. – K.: CP Komprint, 2017. – 242 p. Virology: textbook / I.G. Budzanivska, T.P. Shevchenko, G.V. Korotyeyeva, O.V. Molchanets, A.V. Kharina, T.A. Kompanets, O.M. Andriychuk, O.V. Shevchenko, O.A. Kondratyuk. – K.: VPC 'Kyiv University', 2019. – 351 p. Shevchenko O., Tymchyshyn O., Shevchenko T. Traditional cultivation practices may efficiently prevent the virus spread in susceptible crops: a case study of Turnip mosaic virus in Ukraine // AGROFOR International Journal . -2017. - Vol. 2, Issue No. 3. - p. 84-91. 10.7251/AGRENG1703084T Tsvigun V.O., Rudneva T.O., Shevchenko T.P., Budzanivska I.G., Polishchuk V.P. Strain attribution of Ukrainian isolates of Zucchini yellow mosaic virus and their occurrence in Ukraine. Biopolymers and Cell. 2016. V.32. N.3. P.235-241. (Scopus) Shevchenko T.P., Tymchyshyn O.V., Kosenko I.A., Budzanivska I.G., Shevchenko O.V., Polishchuk V.P. (2018) Molecular characterization and phylogenetic analysis of Ukrainian isolates of Cucumber mosaic virus based on the partial sequences of three genes. Biopolymers and Cell 34(1): 32-40. Shevchenko O., Yasaka R., Tymchyshyn O., Shevchenko T., Ohshima K. (2018) First evidence of the

	<p>occurrence of Turnip mosaic virus in Ukraine and molecular characterization of its isolate. Journal of Phytopathology 166 (6): 429-437.</p> <p>Sherevera, K., Shevchenko, T., Snihur, H., Budzanivska, I., Shevchenko, O. First report of leek yellow stripe virus on <i>Allium sativum</i> L. In Ukraine. Agriculture and Forestry, 2019, 65(4), pp. 47–53(Scopus)</p> <p>Snihur H., Shevchenko T., Sherevera K., Budzanivska I., Shevchenko O. (2019) First report of onion yellow dwarf virus in Ukraine. Journal of Plant Pathology 101(4): 1283–1283 (Scopus).</p> <p>Shevchenko, O., Shevchenko, T., Snihur, H., Budzanivska, I. Epidemiological patterns, prevalence and seasonal dynamics of different viruses in susceptible cucurbit crops. Agriculture and Forestry, 2021, 67(1), pp. 73–82</p>
Project	<p>Molecular, biological and epidemiological studies of tospoviruses infecting economically important crops in Bulgaria and Ukraine (06DP036-08)</p> <p>SFFR - BRFFR – 2011 « Investigation of species diversity and phylogenetic relationships of viruses infecting vegetable crops in agroecosystems of Ukraine and Belarus»</p> <p>Molecular typing and mechanisms of evolutionary adaptation of viruses of cultural and wild-growing flora of Ukraine' (reg. no 0116U004778)</p>
Conferences	<p>IX International Agriculture Symposium "AGROSYM 2018" Jahorina, 4 -7 October 2018,</p> <p>The 4th International Symposium on EuroAsian Biodiversity 03-06 July 2018, Kiev, Ukraine</p> <p>XV Congress of Vynohrads'kyj Society of Microbiologists of Ukraine 11-15 september 2017, Odessa, Ukraine</p> <p>13th IPVE Symposium, 6-10 June 2016, Avignon, France.</p> <p>8th International Conference "Bioresources and viruses", 12-14 September 2016, Kyiv, Ukraine.</p>
Awards	<p>The best lecturer of Educational and Scientific Center "Institute of Biology and Medicine" in 2016-2017 academic year</p> <p>Grant Award to participate at the 6th International Symposium on Positive Strand RNA Viruses, Paris, France, 2001.</p> <p>Grant Award to participate at the 5th Congress of EFPP, Taormina-Giardini Naxos, Italy, 2000.</p>
Membership	<p>Federation of European Microbiological Societies, Vynohrads'kyj Society of Microbiologists of Ukraine, Ukrainian Association of Virologists virology.com.ua</p>
Citation	<p>h-index - 5 Author ID: 18437976800</p>
Certificates	<p>Certificate of participation in Introduction into biosafety, biosecurity and dual-use concerns in biotechnology, Kyiv, 25th April, 2014</p> <p>Certificate of participation in KNU Teach Week, Kyiv, Jan 18-22, 2021 p. (from 25.01.2021) (1 credit)</p> <p>Certificate of participation in Uni-Biz Bridge 6, Kyiv, Feb 9-13, 2021 (0,34 credit)</p> <p>Certificate of participation in Pearson International Higher Education Forum 2021, March 9-11, 2021 (1 credit)</p> <p>Certificate of participation in 4th Webinar «Pandemics – questions and answers. VACCINATION», Kyiv, March 18, 2021 (0,05 credit)</p> <p>Certificate of participation in KNU Digital Skills Pro, Kyiv, March 15-19, 2021 (from 22.03.2021) (1 credit)</p> <p>Certificate of participation in 5th Webinar «Pandemics – questions and answers. BIOLOGICAL ROLE OF VITAMIN D», Kyiv, April 28, 2021 (0,05 credit)</p>