



Curriculum Vitae

Shevchenko O.V.

PERSONAL INFORMATION



Shevchenko Oleksiy Volodymyrovych
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Gender M | Date of birth 31/12/1979 | Citizenship of Ukraine

Scientific degrees (field)	PhD (virology)
Academic titles	Senior Research Fellow
Position	Associate Professor
Department	Virology
Faculty / institute	Educational Scientific Center "Institute of Biology and Medicine", Taras Shevchenko National University of Kyiv

Educational Disciplines:

Current year	<ol style="list-style-type: none"> 1. Basics of viral carcinogenesis, educational level "Bachelor", 4th year of study 2. Features of antiviral immunity, educational level "Bachelor", 4th year of study 3. Mechanisms of persistence of viruses, educational level "Master", 2nd year of study 4. Virology laboratory classes, educational level "Bachelor", 3rd year of study 5. Microbiology, virology and immunology, educational level "Bachelor", 2nd year of study (in Ukrainian and English)
Previous years	<ol style="list-style-type: none"> 1. Virology laboratory classes, educational level "Bachelor", 2nd year of study 2. Virology laboratory classes, educational level "Bachelor", 3rd year of study 3. Human and animal viruses, educational level "Bachelor", 4th year of study 4. Viruses of microorganisms, educational level "Bachelor", 4th year of study 5. Phytopathology, educational level "Master", 1st year of study

EXPERIENCE OF SCIENTIFIC AND SCIENTIFIC-EDUCATIONAL WORK

Period (starting from the last one)	Stage (description)
From 06.2019 until now	Associate Professor, Department of Virology
	ESC 'Institute of Biology and Medicine', Taras Shevchenko National University of Kyiv 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601, univ.kiev.ua
	Reader

	Education/Science
From 01.2007 until 05.2019	Head of the Research Laboratory
From 12.2006 until 01.2007	Research Fellow
From 06.2004 until 12.2006	Junior Research Fellow

STUDY AND TRAINING

Period (starting from the last one)	Stage (description)
From 07.2008 until 08.2008	Clinical Research Training, Ukraine
From 09.2004 until 06.2005	Training visit at Molecular Phytopathology Lab, Institute of Molecular Plant Sciences, University of Edinburgh, United Kingdom. CTES Program, United Kingdom
From 10.2001 until 05.2004	PhD studentship at Taras Shevchenko National University of Kyiv PhD in virology (speciality 03.00.06) PhD thesis: 'Influence of heavy metal compounds on the development of plant virus infection in model systems'
From 09.1996 until 06.2001	Studentship at Biology Faculty of Taras Shevchenko National University of Kyiv Qualification – MS in biology, microbiologist-virologist, teacher of biology

PERSONAL SKILLS

Item	Рівень (опис)
Native language	Ukrainian
Foreign language	English: fluent, CEFR level C1 (Certificate of the Language Center of Taras Shevchenko National University of Kyiv No. 4212, 2019) Russian: fluent
Communication competences	Communication skills were obtained when working as the head of research lab, reader at the Department of Virology of ESC 'Institute of Biology and Medicine', the translator at international conferences, member of the organizing committee of international conferences, and during trainings in commercialization in science.
Organizational / manager competences	<ol style="list-style-type: none"> Coordinator of Master students, 1st year of study Supervisor of student's research projects Member of the organizing committee of international conference "Bioresources and viruses" Project leader/principal investigator of international research projects with Hungary, Japan and China Principal investigator, state-funded research project 21BF036-02 (2021-2023) Member of the Board of the 1st Stage of All-Ukrainian competition of student's research projects in biology/ecology/biotechnology/bioengineering/theoretical medicine Expert for State Research Project Proposals of Young Scientists at the Ministry of Education and Science of Ukraine, 2016-2019 Coordinator of the BioResource program of the American Society for Microbiology (ASM BRC) at the Institute of Biology and Medicine (IOBM), 2016-2019
Computer skills	Advanced user of MS Windows, MS Office suite, Internet (Internet Explorer, Mozilla Firefox, Google Chrome), image editors (Photoshop, CorelDRAW). User of specialized software packages BioEdit, DNA-Star, MEGA, RDP, phyML, FigTree, TreeView, DeJaVU.
Professional skills	Field and lab virology techniques, laboratory animal handling, antiserum generation, light/fluorescent/electron microscopy, PCR/RT-PCR, ELISA, gel electrophoresis for NA and protein separation, gene cloning, plant transformation, phylogenetic studies, etc.
Professional interest	<ul style="list-style-type: none"> Virus ecology Virus epidemiology Viral diseases of commercial crops Biosafety and biosecurity in plant virology Molecular base of plant resistance against viruses Plant virus diversity Plant virus diagnostics

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 (the main, last 5 years)	<ol style="list-style-type: none"> 1. Virology. Laboratory manual / V.P. Polischuk, 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. (in Ukrainian) 2. 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. 3. Wheat Diseases [manuscript]; ed. Pasichnyk L.A. – Vinnytsia: 'Vindruk', 2019. - 139 p. 4. Wheat diseases in agricultural systems. Pasichnyk L. et al. (eds. Suszanowics D., Pasichnyk L.). – Opole: Wydawnictwo Uniwersytetu Opolskiego, 2020. 141 p. 5. Pavlova, S., Stakhurska O., Budzanivska I., Shevchenko O., Polischuk V. (2017) Using geographical information system (GIS) technology to control the spread of Plum pox virus in Odessa region, Ukraine. Acta Horticulturae 1163: 147-152. 6. 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. 7. Shevchenko O., Yasaka R., Tymchyshyn O., Shevchenko T., Ohshima K. (2018) First evidence of the occurrence of Turnip mosaic virus in Ukraine and molecular characterization of its isolate. Journal of Phytopathology 166 (6): 429-437. 8. 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. 9. Snihur H., Pozhylov I., Budzanivska I., Shevchenko O. (2019) First report of High Plains wheat mosaic virus on different hosts in Ukraine. Journal of Plant Pathology https://doi.org/10.1007/s42161-019-00435-y 10. Kawakubo Sh., Gao F, Li Sh., Tan Zh., Huang Y-K., Adkar-Purushothama C., Gurikar C., Maneechoat P., Chiemsombat P., Aye S., Furuya N., Shevchenko O., Spak J., Ho S., Ohshima K. (2021) Genomic analysis of the brassica pathogen turnip mosaic potyvirus reveals its spread along the former trade routes of the Silk Road. PNAS 118(12), https://doi.org/10.1073/pnas.2021221118 11. Shevchenko O., Shevchenko T., Snihur H., Budzanivska I. (2021) Epidemiological patterns, prevalence and seasonal dynamics of different viruses in susceptible cucurbit crops. Agriculture and Forestry 67(1): 73–82.
Projects	<ol style="list-style-type: none"> 1. 16BF036-02, 'Molecular typing and mechanisms of evolutionary adaptation of viruses of cultural and wild-growing flora of Ukraine' (O.V. Shevchenko – principal investigator) 2. 17N036-07, 'Soybean seeds' diagnostics for viral pathogens (O.V. Shevchenko – project leader) 3. 17N036-15, 'Soybean seeds' diagnostics for viral pathogens (O.V. Shevchenko – project leader) 4. International project FEMS-GO-2018-195 (O.V. Shevchenko – principal investigator) 5. 21BF036-02, «Virological management of dangerous diseases of plants as a component of biosecurity of Ukraine» (O.V. Shevchenko – principal investigator)
Conferences	<ol style="list-style-type: none"> 1. XXI Czech and Slovak plant protection conference, 5-7 September 2018, Brno, Czech Republic 2. 4th International Symposium on EuroAsian Biodiversity (SEAB2018), 3-6 July 2018, Kyiv, Ukraine 3. 2ND International Conference „Smart Bio“, 03-05 May 2018, Kaunas, Lithuania 4. X International Agriculture Symposium "AGROSYM 2019", 3-6 October 2019, Jahorina, Bosnia and Herzegovina 5. 9th International Conference 'Bioresources and Viruses', 9-11 September 2019, Kyiv, Ukraine 6. XI International Scientific Agriculture Symposium "Agrosym 2020", Jahorina, Bosnia and Herzegovina, October 8-9, 2020, p.284.

Awards	<ol style="list-style-type: none"> 1. Grant Award to participate in the 6th Conference of EFPP "Disease Resistance in Plant Pathology", Prague, Czech Republic, 2002. 2. 1st Place' Award for participation in Young Scientists' Research Competition under the aegis of Ukrainian Society of Microbiology, Kyiv, Ukraine, 2002. 3. INCO Junior Grant Award to participate in the 1st FEMS Congress of European Microbiologists, Ljubljana, Slovenia, 2003. 4. Chevening Technology Enterprise Scholarship (CTES Award), United Kingdom, Sep 2004 – Jun 2005. 5. Award of the Parliament of Ukraine for the most gifted young scientists in fundamental and applied research, 2009. 6. Diploma of the Rector of Taras Shevchenko' Kyiv National University for advances in educational, pedagogical and scientific work, 2010. 7. Grant of the President of Ukraine (F32/255-2011), 2011.
Membership	<ol style="list-style-type: none"> 1. Ukrainian Society of Microbiology (affiliated member of FEMS, Federation of European Microbiology Societies) 2. Ukrainian Virologists' Association
Citation, Scopus profile	<p>16 papers in Scopus database <i>h</i>-index – 3 Author ID: 22958901100</p>
Certificates	<ol style="list-style-type: none"> 1. KNU Teach Week, Kyiv, Jan 18-22, 2021 p. (from 25.01.2021) (1 credit) 2. Uni-Biz Bridge 6, Kyiv, Feb 9-13, 2021 (0,34 credit) 3. Pearson International Higher Education Forum 2021, March 9-11, 2021 (1 credit) 4. 4th Webinar «Pandemics – questions and answers. VACCINATION», Kyiv, March 18, 2021 (0,05 credit) 5. KNU Digital Skills Pro, Kyiv, March 15-19, 2021 (from 22.03.2021) (1 credit) 6. 5th Webinar «Pandemics – questions and answers. BIOLOGICAL ROLE OF VITAMIN D», Kyiv, April 28, 2021 (0,05 credit)