



Curriculum Vitae

PERSONAL INFORMATION



Voronina Olena Kostyantynivna

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🌐 Personal web-page: <http://biology.univ.kiev.ua/kafedra-tsitologiji-gistologiji-ta-biologiji-rozvitku-vikladachi/1145-voronina-olena-kostyantynivna.html> (<https://goo.gl/xvUfAK>)

Sex Ж | Date of birth 08/09/1978 | Citizenship Ukraine

Degree	PhD, 14.03.09 – histology, cell biology, embryology.
Academic rank	associate professor
Position	associate professor
Department	Cell biology, histology and reproductive medicine
Факультет/інститут	Educational-Scientific Centre "Institute of Biology and Medicine"

EDUCATIONAL DISCIPLINES IN WHICH WAS INVOLVED:

Current year	<ol style="list-style-type: none">1. «General Cytology», Educational Degree «Bachelor», 1st Course, Full-Time form of Study, Laboratory Classes.2. «Histology», educational degree «Bachelor», 1st course, full-time form of study, laboratory classes.3. "Developmental Biology" educational degree «Bachelor», 1st course, full-time and extramural forms of study, lectures and laboratory classes.4. "Laboratory practicum" for students majoring in "Biology", 3rd year, bachelor. Laboratory classes.5. "Pharmacological regulation of cell activity" for students majoring in "Biology", 4th year, bachelor, full-time and extramural forms of study, lectures and laboratory classes6. "Reproductive technology», Educational Degree « Bachelor» «Biology», 4th year, full-time and extramural forms of study, lectures and laboratory classes.7. "Modern Assisted Reproductive Technologies" Educational Degree «Master» «Biology», 1ST course, full-time and extramural forms of study, lectures and laboratory classes.
Previous years	<ol style="list-style-type: none">1. «Histology, Cytology, Embryology» (English), Educational Degree «Bachelor», 1ST course «Medicine», full-time form of study, laboratory classes.2. «Medical biology» (english), educational degree «Bachelor» of «Medicine», 1st course, full-time form of study, lectures.3. «Cytology, Histology and Embryology», Educational Degree «Bachelor», 1ST course «Technologies of medical diagnostics and treatment», full-time form of study, lectures.5. «Cytology and Histology of Human», Educational Degree «Bachelor», 1ST course «Technologies of medical diagnostics and treatment», full-time form of study, lectures and laboratory classes.2. «Human embryology», Educational Degree «Bachelor», 1ST course «Technologies of medical diagnostics and treatment», full-time form of study, lectures.3. «Comperative cytology» Educational Degree «Master» «Biology» , 2ND course, full-time and extramural forms of study, lectures and laboratory classes

	<p>4. «Reproductive biotechnology», Educational Degree «Master» «Biotechnology» , 2ND course, full-time form of study, lectures and practical lessons</p> <p>5. «Biotechnological and Reproductive Technologies», Educational Degree «Master» «Biology», 2nd course, full-time and extramural forms of study, lectures and laboratory classes.</p> <p>6. «Karyology» Educational Degree «Master» «Biology» , 1ST course, extramural form of study, lectures and laboratory classes.</p> <p>7. «Mechanisms of cell differentiation» Educational Degree «Master» «Biology» , 2ND course, full-time and extramural forms of study, lectures and laboratory classes</p> <p>8.« Histological methods in biology» Educational Degree «Bachelor», 3^D course, full-time and extramural forms of study, laboratory classes.</p> <p>9. «Histochemical workshop» Educational Degree «Bachelor», 3TH course, full-time and extramural forms of study, laboratory classes.</p>
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CAREER/EMPLOYMENT

Period (starting from last)	Description
since 2009	<p>Position: Associate Professor at the Department of Cytology, Histology and Developmental Biology (from 2016 – Department of Cytology, Histology and Reproductive Medicine)</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>Area of activity: Education / Science</p>
from 2002 to 2009	<p>Position: Assistant Professor at the Department of Cytology, Histology and Developmental Biology</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>Area of activity: Education / Science</p>

EDUCATION AND TRAINING

Period (starting from last)	Description
2021	<p>Internship – ICenter of Taras Shevchenko National University</p> <p>Experience – Training course on mastering modern tools and programs of interactive data visualization.</p> <p>Skills: data visualization, stylistic design, typography and infographics, basics of selection of thematic photo and video content, use of the online service "Canva". Electronic certificate issued in the ICenter of Taras Shevchenko National University</p>
2019	<p>Internship – State Institution "RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAMS Ukraine", Kyiv</p> <p>Experience/degree – immunohistochemical and immunocytochemical methods Improving the immunohistochemical method for the study of biopsy material in cancer (studying and assimilation immunohistochemical method for the differential diagnosis of hormone-dependent malignancies and predicting the aggressiveness of the tumor process) Certificate from 11/13/2019 № 2-18 / 448</p>
2005	<p>degree of Doctor of Philosophy in Biology – «Ultrastructural and histological specifics of the response of the adrenal glands of birds to stress” in the specialty 03.00.11 - cytology, cell biology, histology</p>
from 2000 to 2004	<p>Education PhD student at the Department of Cytology, Histology and Developmental Biology, Faculty of Biology, Taras Shevchenko National University of Kyiv, Kyiv (Ukraine)</p>

from 1995 to 2000	Education – Student at Faculty of Biology, of Taras Shevchenko National University of Kyiv, Kyiv (Ukraine)
	Experience/degree – Received a Master's degree with honors in "Biology" specialty and got a qualification of a Masters - Biologist, Teacher of Biology.

PERSONAL SKILLS

Name	Level (description)
Native language	Ukrainian
Foreign language 1	English, level B2
Foreign language 2	Russian, level C2
Communicative competence	<p>Good communicational skills by teaching work as an Assistant and an Associate Professor. On this particular position most of the time is carried out in a communicative way, which therefore is concretized in organization of communicational process and an exchange of information. This position requires knowledge of norms and disciplines of communication, techniques of leading the oral and written dialogue; an ability to choose the right tactics of communication.</p> <p>A special attention is paid to the self-contained study of students, considering it as a kind of educational activity, which is based on the students' performance of the system's professionally-oriented tasks, which get complicated, and tasks which are based on distance learning. This type of activity aims at acquiring a certain experience, developing an independent way of behaving in decision-making situations and engaging students in independent search activity.</p>
Organizational / management competence	<p>Ability to make decisions and take initiatives; the ability to motivate others, namely, encourage students to innovate as well as offer new ideas.</p> <p>Stimulating students' activities to improve academic results and scientific performance.</p> <p>Management of student's scientific projects. Manage practice-based classes for daytime and extramural studying.</p>
Computer skills	<p>Microsoft Office user (Word, Excel, PowerPoint).</p> <p>Confident user of the Internet.</p> <p>For distance learning use of the platform Zoom, Class Room, Classtime, Online TestPad.</p> <p>Experienced in digital photo processing, morphometric measurements and statistical processing using NIH ImageJ, ImageTool, Adobe Photoshop, Statistics, etc. in academic and research work.</p>
Other computer skills	Data visualization in the soft "Canva"
Professional skills (not mentioned above)	<p>Ability to plan and conduct scientific experiments using laboratory animals.</p> <p>Participation in writing sections of textbooks and manuals on Cytology, Histology, Embryology.</p> <p>Planning and implementation of preclinical studies of medicinal substances.</p>
Fields of professional interests	<p>Introducing innovative courses for students (cellular pharmacology, reproductive medicine, etc)</p> <p>The field of scientific interests is the study of precancerous states of the stomach and intestines and the search for methods of their prevention</p>

ADDITIONAL INFORMATION

Item	Titles of publications, projects, conferences, awards and prizes, memberships in academies and societies etc.
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Main scientific:

1. Bezdniezhnykh N., Lykhova A., Kozak T., Zadvornyi T., Voronina O., Lukyanova N. Assessment of biosafety and toxicity of hydrophilic gel for implantation in experimental in vitro and in vivo models. *BMC Pharmacol Toxicol* 23, 37 (2022). <https://doi.org/10.1186/s40360-022-00577-3>
2. Kalmukova O., Chumak K., Voronina O., Dzerzhynsky M. Morpho-funktional state of rats pancreas under melatonin administration during obesity development: chronotherapeutic approach. *Visnyk Taras Shevchenko National University of Kyiv. Biology.* – 2020. – №1. – 50-57p.
3. Voronina O., Golyshkin D., Beregovyi S., Beregova T., Ostapchenko L. Sub-acute toxicity of melanin assessed by biochemical and morphological changes in the liver in rats. *Modern problems of toxicology, food and chemical safety* – 2017. – №4. – 39-44p.
4. Voronina O.K., Beregova T.V., Dzerzhinsky M.E. Electron microscopic examination of the mucous membrane of the fundus of the stomach under the action of melanin against the background of chronic hypergastrinemia. *Scientific herald of the Lesia Ukrainka East European National University.* – №12 (337). – 2016. – P. 120-126.
5. Beckmuhamedova V., Voronina O.K., Falaleeva T.V. Predinical study of acute toxicity of the drug "Kokarnit" in rats. *Bulletin of the Taras Shevchenko National University of Kyiv* - №2 (67). – 2014. – 22-25p.
6. Polyakova A., Voronina O.K., Beregova T.V., Dzerzhinsky M.E. Effect of melanin on the mucous membrane of the fundus of the stomach of rats at hypergastrinemia // *Journal of Morphology.* – V.17, №3 – 2011. - P.538-542.
7. Voronina O.K., Beregova T.V., Dzerzhinsky M.E. Ultrastructural changes in the mucous membrane of the large intestine when a PPAR γ agonist is introduced - pioglitazone receptors during hypergastrinemia // *World of Medicine and Biology* . -2010. - №2. - P.36-39.
8. Hurlenko T.M., Grishchuk V.M., Voronina O.K., Tolstanova T.M., Dzerzhinsky M.E., Beregova T.V. Changes in the functioning of the transport system of the epithelium and morphological indices of the mucous membrane of the colon of rats with hypergastrinemia of different durations // *Physiological journal* .-2007.- V.53, №3. – P.23-30
9. Gurlenko T., Grishchuk V., Voronina O., Ovcharik T., Tsyryuk O. The influence of long-term omeprazole-induced hypergastrinemia on water and electrolyte transport in the rat colon // *Annales Universitatis Mariae Curie-Skladowska. Lublin.* – 2006. - P. 71-73
10. Voronina O.K., Voronin K.Yu., Harmatina SM, Mishunina T.M. Dynamics of development of stress-reaction during acute cooling in birds, - *Bulletin of the National Agrarian University "Biology"*, №38, 2002

Main methodical:

1. Dzerzhinsky M.E., Skrypnyk N.V., Harmatina S. M. and other. *General Cytology*. Publishing and Printing Center «Kyiv University». - 2020. – 640p.
2. Trokhimets VM, Voronina OK, Kuzmina TA, and others. *Coursebook of Medical biology*. - Kyiv, Publishing and Printing Center «Kyiv University». - 2019. - 416 p.
3. Dzerzhinsky ME, Skrypnyk N.V., Voronina O.K., Pazyuk L.M. *Biology of Individual Development. Workshop: Textbook* . – Kyiv, PPC "Kyiv University". - 2014. - 271c. Grief provided by the Ministry of Education and Science of Ukraine (letter № 1/11-4512 dated 27.02.2013)
4. Dzerzhinsky ME, Voronina O.K., Skrypnyk N.V., Garmatina SM, Pazyuk L.M. *General cytology. Workshop: Textbook*. Kyiv, PPC "Kyiv University". - 2011. Grief provided by the Ministry of Education and Science of Ukraine (letter № 1 / 11-3540 dated 11.05.2011)
5. Dzerzhinsky ME, Skrypnyk NV, Harmatina S. M. and other. *General cytology and histology. Part 2: Histology: a manual*. Kyiv, PPC "Kyiv University". - 2011. Grief provided by the Ministry of Education and Science of Ukraine (letter № 1 / 11-3541 dated 11.05.2011)
6. Dzerzhinsky ME, Skrypnyk NV, Harmatina S. M. and others. *General cytology and histology: textbook*. Kyiv, PPC "Kyiv University". - 2010. Gryff provided by the Ministry of Education and Science of Ukraine (Letter No. 14 / 18.G-2112 dated November 29, 2007)
7. Dzerzhinsky ME, Skrypnyk NV, Harmatina S. M. and other. *General cytology and histology. Part 1: General cytology: textbook*. Kyiv, PPC "Kyiv University". - 2006 -272 p. The Grief is provided by the Ministry of Education and Science of Ukraine (Letter No. 14 / 18.2-2444 dated 04.11.2005)
8. Dzerzhinsky ME, Voronina O.K., Pazyuk L.M. *Workbook for laboratory lessons from the course «General cytology»*. – Kyiv, "Phytosociocenter". - 2018. – 82 p.
9. Dzerzhinsky ME, Voronina O.K., Pazyuk L.M. *Workbook for laboratory lessons from the course «General cytology and histology»*. – Kyiv, "Phytosociocenter". - 2018 – 110p.
10. Dzerzhinsky ME, Voronina O.K., Harmatina S.M. *Workbook for laboratory lessons from the course "Human Embryology"*. - Kyiv, "Phytosociocenter". - 2018 - 45 p.
11. *Collection of tests for the theoretical module of educational practice for students ESC "Institute of Biology and Medicine"*. Contractors: Voronina O.K., Andriychuk O.M., Skrypnyk NV, – 2017.
12. Voronina O.K., Trokhimets V.M., Vakal S.Ye., Skrypnyk NV *Methodical recommendations for registration of course, qualifying and final qualification works for students ESC "Institute of Biology and Medicine" [Electronic resource]* Access mode : <http://biology.univ.kiev.ua/naukovo-metodychna-komisiya-dokumenty/743-naukovo-metodychna-komisiya.html> - 33p.

Projects	<p>2006 year - Grant of the President of Ukraine for young scientists</p> <p>„Investigation of the mechanism of development of the pre-tumor states of the stomach and the development of methods for their prevention“</p>
Participation in conferences and seminars	<ol style="list-style-type: none"> 1. 11th meeting of the Ukrainian Club of Embryologists (USE) «Unification and standartization in clinical embryology as a modern tendency of ART development». – Kyiv, Ukraine, April 2019. 2. Modern Aspects and International Strategy for Postgraduate Education, Professional Regulation and Standart Setting in Histopatology. – Kyiv, Ukraine, September 2019. 3. Scientific and practical seminar "Clinical and molecular cytogenetics = cytogenomics. Eternal classics and the latest technologies" 10.06.2021 4. Professional online school "Infertility: the path from women's consultation to the birth of a child" 10.21.2021 5. International Symposium "Theory and Practice of Human Reproduction" on May 27-28, 2022 6. All-Ukrainian Conference on Molecular and Cell Biology with international participation, dedicated to the heroic struggle of the Ukrainian people against the Russian invaders! – Kyiv, Ukraine, 15-17 June 2022
Membership in academies, professional and scientific associations	<p>Member of the Scientific and Methodological Commission ESC "Institute of Biology and Medicine" Taras Shevchenko National University of Kyiv</p> <p>Member of the Jury of the All-Ukrainian Student Olympiad Taras Shevchenko National University of Kyiv in biology</p> <p>Member of the Jury of the 1st round of the All-Ukrainian contest of student scientific works on natural sciences, engineering and humanities</p> <p>Member of the Jury of the International Scientific Conference «Shevchenko spring: the achievement of biological science / BioScience Advances»</p>