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Uzhhorod National University (UzhNU) was founded in 1945. It is one of the largest and best universities of the Carpathian region, situated in Uzhhorod (Zakarpatska Oblast, Ukraine).

Uzhhorod National University has been involved in different international projects with the aim of comprehensive and effective use of the intellectual potential of the respective professors' staff and scientific topics of UzhNU via association of financial, technical and human resources to improve the skills and quality of training of students, experts (scientific personnel), implementation of R&D, training and educational activities within the priority areas.

One of the important fact, that on the base of Uzhhorod National University is located National Contact Point of Framework Program for Research and Innovation HORIZON 2020 for Priority Areas: "Food Security, Sustainable Agriculture, Marine Research and Bioeconomics and Health, Demographic Change and Welfare".

According to 2018 work results, one of the most well-known university rankings, SCIMAGO included 682 best universities of the world into their list. UzhNU ranks 204th among the universities of Eastern Europe. SCIMAGO is an annual ranking of academic institutions that carry out scientific research activities. Assessment of achievements is based on the indicator, which combines three components, including the level of scientific research, the level of innovation and the impact on social processes. It includes the institutions that have published at least 100 articles added to the SCOPUS database during the last year, embody innovation and development practices.

FACULTY OF DENTISTRY

Dean: Kostenko Yevhen Yakovich,
Doctor of Sciences (Medicine), Professor

Dean of the Faculty, Doctor of Medical Sciences, Professor,
Professor of the Department of Orthopedic Dentistry of the
Uzhhorod National University.

Director of the Scientific and Training Center of Forensic Dentistry of
the State Pedagogical University of the Ministry of Education and
Science of Ukraine, Head of the Association of Forensic Dentistry in
Ukraine, integrated into the World Association of Odontostatologists
of IOFOS, Chairman of the Transcarpathian Association of the
Association of Dentists-Orthopedics and Dental Academy of Ukraine.

He lectures for students, interns and cadets in the specialty "Orthopedic Dentistry" and "Forensic Dentistry", conducts master classes for students.

Founder and Head of the Scientific School of Forensic Odontology. Under his leadership he defended three dissertations for the degree of Candidate of Medical Sciences in the specialty "Dentistry", 10 master's theses. He is the scientific supervisor of five graduate students and search engineers. The main directions of scientific activity are: issues of identification of persons by dental status, expert evaluation of the quality of rendering qualified dental care to the population, improvement of the work of dentists in the conditions of reforming the medical sector in the country.

Doctor of the highest category in the specialty "Orthopedic Dentistry", "Surgical Dentistry", "Therapeutic Dentistry". It has the first category in the field of organization and management of health care.

Experienced specialist. It conducts daily clinical admission of patients - residents of Transcarpathian region and European countries.

Kostenko Yevhen Yakovych - Dean of the Faculty, Doctor of Medical Sciences, Professor, Professor of the Department of Orthopedic Dentistry of the Uzhhorod National University, Academician of the Ukrainian Academy of Sciences of Ukraine, Director of the Scientific and Training Center of Forensic Dentistry of the Ministry of Education and Science of Ukraine. President of the Association of Forensic Dentistry in Ukraine, integrated into the World IOFOS Association of Odontostatologists. Head of the Association of Dentists-Orthopedists and Dental Technicians of Ukraine. He is Chairman of the Specialized Academic Council K61.051.08 at the Higher Educational Institution "Uzhhorod National University" for the protection of theses in specialties 14.01.22 - "dentistry" and 14.01.03 - "surgery".

He is the author of more than 150 scientific works, 11 inventions, which are confirmed by patents of Ukraine. He is the developer of medical diagnostic methods and materials used in the treatment of major dental diseases. Author of computer programs for identification of dental status persons based on radiological examinations and identification of materials used in dental practice.

He graduated from the Dental Faculty of the National Medical University. Bogomolets, worked at the LOO under the Cabinet of Ministers of Ukraine, the Central Dental Polyclinic of the Ministry of Defense of Ukraine, and the Institute of Stomatology of the NMAPE named after PL. Thug.

Candidate's dissertation topic: "Clinical and experimental substantiation of the advanced method of treatment of teeth destroyed below the gum level" (PL Shupyk NMAPO, Kyiv, 2009).

Theme of the doctoral dissertation: "Complex medical and informational identification of the person according to the odontological status with expert evaluation of the morpho-functional



changes of the dental-jaw apparatus as a result of dental treatment and rehabilitation of the victims" (PL Shupyk NMAPO, Kyiv, 2014).

The head of the student scientific group, the main organizer of scientific dental conferences, symposia and practical workshops. He is the co-author of many textbooks and manuals for dental students and dental practitioners. «Prosthetics with complete loss of teeth», «Atlas of diseases of the oral cavity and surgical interventions of the maxillofacial area and neck», «Propaedeutic of pediatric therapeutic dentistry», «Atlas of identification of intraosseous dental implants by radiological features».

Scientific editor of the international Ukrainian-Slovak medical journal "Intermedical Journal"

List of selected publications:

1. Kostenko Ye, K., & Bobrov, N. (2012). Forensic dentistry: from age determination to identification. *Folia societatis medicinae legalis Slovaca*, 2(1), 45-51.
2. Kostenko, Y. (2013). Identification of persons by the method of trace contour contrast iatrogenic interventions on panoramic X-rays. *The Journal of forensic odontology*, 31, 52-53.
3. Klitynska, O. V., Kostenko, Y., Mukhina, Y. A., Vasko, A. A., & Layosh, N. V. (2016). Efficiency estimation of using phased program of caries prevention in children domiciled in Transcarpathian region. *Acta stomatologica Naissi*, 32(74), 1635-1649.
4. Klitynska, O. V., Kostenko, Y. Y., Gurando, V. R., & Karpinets, V. M. (2016). Influence of different types of plant extracts on the *Streptococcus sobrinus* culture. *Journal of Stomatology*, 69(4), 443-447.
5. Klitynska, O. V., Kostenko, Y. Y., & Gurando, V. R. (2017). Determination of the criteria of early caries diagnostics in children of different ethnic groups domiciled in areas biogeochemically deficient in fluorine and iodine. *Journal of Stomatology*, 70(1), 51-56.
6. Kostenko, Y. Y., Melnyk, V. S., & Horzov, L. F. (2017). The effectiveness of chronic gingivites treatment in patients with non-removable orthodontic apparatus according to the results of periodontal tissues index assessment. *International Journal of Medicine and Medical Research*, 3(1), 47-49.
7. Klitynska, O., Gasyuk, N., Kostenko, Y., & Gurando, V. (2017). Statistical model of caries formation and progression in children of preschool and early school age domiciled in biogeochemical deficiency of fluorine and iodine. *Journal of Stomatology*, 70(6), 675-679.
8. Kostenko, Y., Mochalov, I., Kaminsky, R., Nakashidze, G., Bun, Y., & Goncharuk-Khomyn, M. (2018). Application of synthetic osteoplastic material EASYGRAFT® in maxilla subantral augmentation (sinus-lift). *Georgian medical news*, (285), 32-36.
9. Kostenko, Yevhen & Melnyk, Volodymyr & Horzov, Liudmyla. (2019). Socio-psychological aspects in the prevention of dental diseases. *Wiadomosci lekarskie* (Warsaw, Poland: 1960). 72. 769-772.
10. Kostenko, Y. Y., Melnyk, V. S., Horzov, L. F., & Kostenko, S. B. (2019). Prevalence of main dental diseases in children who live in conditions of biogeochemical fluorine and iodine deficiency. *Dental research journal*, 16(4), 271.
11. Kostenko, Y. Y., Melnyk, V. S., Horzov, L. F., & Potapchuk, A. M. (2019). Relationship between idiopathic scoliosis of the spine and dentognathic anomalies in adolescents. *Wiadomości Lekarskie*, 2117.



Nadiya Boyko (F), professor, DSc. Microbiology, Head of the Department of Clinical Laboratory Diagnostics and Pharmacology, Director of Research Development and Educational Centre of Molecular Microbiology and Mucosal Immunology. Her research field particularly is personalised nutrition in regulation of human [gut] microbiota for prevention of noncommunicable diseases.

Job-related skills: 30 years' experience in research and leading research in bioeconomy, food and health relevant fields, mainly

dealing with food safety, human nutrition and human microbiome, individual nutrition needs, FCDB, and impact of food on human host.

Education activity: She is a lecturer for native and foreign (English) speaking students, supervising PhD students, regularly acting as invited lecturer for the variety of international and national meetings, and master classes. She is intensive participant with oral presentations, discussions, debates, etc. in health and food relevant EU and other countries leader associations' workshops, congresses, committees, ambassador for Global Harmonization Initiative.

She is dealing with a lot of national and international groups of contacts on regular bases and participating as p.i. in around 40 projects, the author of about 300 scientific works, including 100 papers in professional scientific journals, more than 50 publications in the peer reviewed journals, and Chapter in Elsevier press, index H=9.

She is establisher of 4 large and productive networking organisations: 2 national agro-food platforms, 1 national (with international participation) association "health and wealth" and 1 international trans-border regional network (Cassovia Life Science, 50 members)

She is involved in assistance in certification of private labs for food quality detection and bio-preparation production (SGP MBS) and health diagnostic labs (One-Lab).

She is also the high quality specialist in other Health and Agro-Food relevant scientific fields, knowledge transfer expert with academic background, establisher of Ukrainian and Slovak Technology Platforms "Agro-Food"; experienced stakeholder manager with links to industry, academia and researchers in Europe. Specialist with expertise in life sciences, participated in international projects like BaSeFood, JSO-ERA EU – FP7, CAPINFOOD (SEE), BacFoodNet (COST), ODiN (FP7), FoodWARD (Erasmus) and H2020 (SKIN) projects.

List of selected publications:

1. Boyko, N.V., Lysetska, M.V., Arkadiev, V.G., Maksimov, Yu.M., Danylenko, V.P. (2000). Study of immunotropic activities of *Bacillus subtilis* as the basis of anti-scleroma probiotics. *Mikrobiolohichniy zhurnal*, 62(6), 22-25.
2. Lysetska M.V., Boyko N.V. (2003). Antiscleroma effectiveness of certain *Bacillus subtilis* strains studied in vitro and in vivo. *Mikrobiolohichniy zhurnal*, 65(5), 13-19.
3. Jiang, H.-Q., Thurnheer, M.C., Zuercher, A.V., Boyko, N.V., Bos, N.A., and Cebra, J.J. Interactions of commensal gut microbes with subsets of B- and T-cells in the murine host. *Vaccine*. 2004, 22, 7: 805-811.

4. Boyko, N., Kobuley, D., Weiser, J., & Cebra, J. (2004). Are B1 cells selectively and specifically stimuable by antigen based on the BCR. *Clin Inv Med*, 27, S4.
5. Keilbaugh, S. A., Shin, M. E., Banchereau, R. F., McVay, L. D., Boyko, N., Artis, D., ... & Wu, G. D. (2005). Activation of RegIII β / γ and interferon γ expression in the intestinal tract of SCID mice: an innate response to bacterial colonisation of the gut. *Gut*, 54(5), 623-629.
6. Cebra, J. J., Jiang, H. Q., Boiko, N., & Tlaskalova-Hogenova, H. (2005). The role of mucosal microbiota in the development, maintenance, and pathologies of the mucosal immune system. *Mucosal Immunology*, 335.
7. Cebra, J.J., Bos, N.A., Boyko, N.V., Kushnir, N., Stoel, M., Surh, C., Suzuki, H., Thurnheer, C.M., Wu, G.D., Uchida, K., and Zuercher, A.W. Mutualism between the Mucosal Immune System and Commensal Intestinal Bacteria. I. In *OHUS Monograph*. 2005, 19 – 23-43.
8. Boyko, N., Krytska, K., Kushnir, N., Kobuley, D., Stoel, M., Bos, N., Cebra, J. Is bacterial translocation depending of IgA production in a gut? *J. Immunology*. 2006, 176: 222.
9. Boyko N., Chonka I., Koval H., Kolesnyk A., Kolesnyk O., Balázs S. A talaj szennyeződése a Felső-Tisza-vidéken: a mikroorganizmusok szerepe a szennyeződések bioindikációjában és a homeosztázis szabályozásában / In: Simon L. (ed.). *Soil Science Migrant Session. "Soil-water-environment"*. Soil Protection-special issue. ISSN: 1216-9560. ISBN: 978-963-9909-03-8 (Nyiregyhaza, May 28-29, 2008). – 2008 – P. 349-358.
10. Halász, J. L., Chonka, I., Tóth, M. D., Boyko, N., & Balázs, S. (2008). Microorganism and enzyme activities in the soil of landfill sites of Bereg county. *Archives of Agronomy and Soil Science*, 54(5), 465-479.
11. Boyko N. V., Rajnavolgyi E. (2009). The role of mucosal microbiota in the development and maintenance of mucosal immune system. *Food and Function*, 1C. 17.
12. Kulja A., Mudryk M., Symochko T., Bugyna L., Koval N., Tereshchenko A., Boyko N. (2010). Peculiarities and statistical investigation of food consumption in Ukraine. *Acta Medicinæ et Sociologica*, 1(1), 23—31.
13. Konic-Ristic, A., Srdic-Rajic, T., Kardum, N., Aleksić-Veličković, V., Kroon, P., Hollands, W., Needs, P., Boyko, N., Hayran, O., Jorjadze, M., Glibetic, M. (2013). Effects of bioactive-rich extracts of pomegranate, persimmon, nettle, dill, kale and Sideritis and isolated bioactives on arachidonic acid induced markers of platelet activation and aggregation. *Journal of the Science of Food and Agriculture*, 93(14), 3581-3587.
14. Hollands WJ, Saha S, Hayran O, Boyko N, Glibetic M, Konic-Ristic A, Jorjadze M, Kroon PA. (2013). Lack of effect of bioactive-rich extracts of pomegranate, persimmon, nettle, dill, kale and Sideritis and isolated bioactives on platelet function. *Journal of the Science of Food and Agriculture*, 93(14), 3588-3594.
15. Woodcock, M. E., Hollands, W. J., Konic-Ristic, A., Glibetic, M., Boyko, N., Koçaoglu, B., & Kroon, P. A. (2013). Bioactive-rich extracts of persimmon, but not nettle, Sideritis, dill or kale, increase eNOS activation and NO bioavailability and decrease endothelin-1 secretion by human vascular endothelial cells. *Journal of the Science of Food and Agriculture*, 93(14), 3574-3580.
16. Costa H., Albuquerque T., Sanches-Silva A., Vasilopoulou E., Trichopoulou A., D'Antuono F., Alexieva I., Boyko N., Costea C., Fedosov S., Hayran O., Karpenko D., Kilasonia Z., Finglas P. (2013). New nutritional composition data on selected traditional foods consumed in Black Sea Area countries. *Journal of the Science of Food and Agriculture*, 93(14), 3524-3534.
17. Albuquerque, T. G., Costa, H. S., Sanches-Silva, A., Santos, M., Trichopoulou, A., D'Antuono, F., Alexieva I., Boyko N., Costea C., Fedosova K., Karpenko D., Kilasonia Z., Koçaoglu B. & Finglas P. (2013). Traditional foods from the Black Sea region as a potential source of minerals. *Journal of the Science of Food and Agriculture*, 93(14), 3535-3544.

18. Dilis, V., Trichopoulou, A., Vasilopoulou, E., Alexieva, I., Boyko, N., Costea, C., Fedosov, S., Hayran, O., Jorjadze, M., Karpenko, D., Costa, H., Finglas, P. (2013). Definition and documentation of traditional foods of the Black Sea Area Countries: potential nutrition claims. *Journal of the Science of Food and Agriculture*, 93(14), 3473-3477.
19. Bene K., Gregus A., Debreceni Z., Boyko N., Rajnavolgyi E. How human monocyte-derived dendritic cells develop and respond to inflammatory stimuli in the gut?
20. // www.frontiersin.org/MyFrontiers/Events/AbstractDetails.aspx?ABS_Doi=10.3389/conf.fimmu.2013.02.00242
21. Coman, M. M., Verdenelli, M. C., Cecchini, C., Silvi, S., Orpianesi, C., Boyko, N., & Cresci, A. (2014). In vitro evaluation of antimicrobial activity of *Lactobacillus rhamnosus* IMC 501[®], *Lactobacillus paracasei* IMC 502[®] and SYN BIO[®] against pathogens. *Journal of applied microbiology*, 117(2), 518-527.
22. Bati V., Boyko N. (2014). Compositional food and personalized diets in prevention of human chronic noncommunicable diseases. ENGIHR Conference: The Gut Microbiota Throughout Life. – Karlsruhe, Germany, 24th-26th September. – 2014 – <http://www.engihr.eu/wp-content/uploads/2014/03/Bati-V.-and-Boyko-N.pdf>
23. Chendey, T. V., Rishko, M. V., Boyko, N. V., & Kroon, P. A. (2014). Six weeks ingestion of polyphenol-rich *Urtica dioica* and *Sideritis scardica* does not influence endothelial function, blood pressure or lipid profile in patients with coronary artery disease or at high cardiovascular risk: a randomised controlled trial. *Ukrainian medical journal*, (1), 132-136.
24. O. Petrov, N. V. Boyko / - Appl. 08/01/2014, publ. 10.06.2014 Bull. №11. Patent number 90789 A method of preventing septic complications and wound infection after tooth extraction bacterial suspension from *Bacillus subtilis* 090 / V. O. Petrov, V. Rusyn V. I., Boyko N. V. / - Appl. 08/01/2014, publ. 10.06.2014 Bull. №11.
25. Mokrozub, V. V., Lazarenko, L. M., Sichel, L. V., Babenko, L. P., Lytvyn, P. M., Demchenko, O. M., Melnichenko, Yu. M., Boyko, N. V., Biavati, B., DiGioia D., Bubnov R. V., Spivak M. Ya (2015). The role of beneficial bacteria wall elasticity in regulating innate immune response. *EPMA Journal*, 6(1), 13.
26. Bubnov, R. V., Spivak, M. Y., Lazarenko, L. M., Bomba, A., & Boyko, N. V. (2015). Probiotics and immunity: provisional role for personalized diets and disease prevention. *EPMA Journal*, 6(1), 14.
27. Bomba, A., Petrov, V. O., Drobnych, V. G., Bubnov, R. V., Bykova O. M. and Boyko N. Cells, Animal, SHIME and In Silico Models for detection and verification of specific biomarkers of non-communicable chronic diseases, *The EPMA Journal*. – 2016. – Vol. 7(1): A8., 1.
28. Meleshko, T., Bati, V., Petrov, V., Levchuk O. and Boyko N. Personalised diets in treatment of patient with diabetes type 2: result of clinical trial, *Gut Microbiota for Health*, 5-6 March 2016, http://www.gutmicrobiotaforhealth.com/wp-content/uploads/2016/06/Summit_Report_2016_v11fin.pdf
29. Meleshko T., Bati V., Bugyna L., Koval. N., Boyko N. Human microbiome and personalized nutrition, 8th Central European Congress on Food Science for Well-being“, 2016. – P. 69, 1.
30. Lazarenko, L. M., Babenko, L. P., Bubnov, R. V., Demchenko, O. M., Zotsenko, V. M., Boyko, N. V., & Spivak, M. Y. (2017). Immunobiotics are the novel biotech drugs with antibacterial and immunomodulatory properties. *Microb Z*, (79, № 1), 66-75.
31. Bene, K., Varga, Z., Petrov, V. O., Boyko, N., & Rajnavolgyi, E. (2017). Gut microbiota species can provoke both inflammatory and tolerogenic immune responses in human dendritic cells mediated by retinoic acid receptor alpha ligation. *Frontiers in immunology*, 8, 427.

32. Boyko N. V., Mizernytskyi O. M. Patent Compositional veterinary biological product (synbiotic) Immunomodulating and antitoxic action Appl. 29/03/2017
33. Human Microbiome and Personalized Nutrition / Frontiers Research Topic, 2018. Editors Nadiya V. Boyko and Shigeru Kamiya. <https://www.frontiersin.org/research-topics/6188/human-microbiome-and-personalized-nutrition>
34. Symochko, L., Meleshko, T., Symochko, V., & Boyko, N. (2018). Microbiological control of soil-borne antibiotic resistance human pathogens in agroecosystems. *International Journal of Ecosystems and Ecology Sciences*, 8(3), 591-598.
35. Kobyliak N, Falalyeyeva T, Boyko N, Tsyryuk O, Beregova T, Ostapchenko L. Probiotics and nutraceuticals as a new frontier in obesity prevention and management *Diabetes Res Clin Pract.* 2018 Jul; 141:190-199. doi: 10.1016/j.diabres.2018.05.005. Epub 2018 May 26. IF (2017) = 2.548
36. Collison, M., Collison, T., Myroniuk, I., Boyko, N., & Pellegrini, G. (2019). Transformation Trends in Food Logistics for Short Food Supply Chains—What is New?. *Studies in Agricultural Economics*, 121(1316-2019-3227), 102-110.
37. Delicato, C., Collison, M., Myronyuk, I., Symochko, T., & Boyko, N. (2019). Is Local Better?. Consumer Value in Food Purchasing and the Role of Short Food Supply Chains. *Studies in Agricultural Economics*, 121(1316-2019-3224), 75-83.
38. Pallah, O. V., Meleshko, T. V., Bati, V. V., & Boyko, N. V. (2019). Extracts of Edible Plants Stimulators for Beneficial Microorganisms. *Biotechnologia Acta*, 12(3), 67-74.
39. Bati V. V., Boyko N. V. (2019) Novel functional food for prevention of non-communicable diseases. *Studia Biologica*, 13(1), 71–84.
40. Bugyna, L. M., Pallah, O. V., Meleshko, T. V., Bati, V. V., Koval, N. V., & Boyko, N. V. (2019). FOOD PRODUCTS DATABASE: TRANSNATIONAL APPLICATION PROBLEMS. *Biotechnologia Acta*, 12(6), 5-11.
41. Myroniuk, I., Symochko, T., & Boyko, N. (2019). New role of agricultural extension and advisory services based on current findings and further collaboration for improved nutrition. *AGROFOR International Journal*, 4(1), 137-146.

FACULTY OF HEALTH AND PHYSICAL EDUCATION

Dean: Ivan Myronyuk,

Doctor of Sciences (Medicine), Professor

Dean of Health and Physical Education Faculty (Uzhhorod National University) since February 2017 due now, Professor at the Department of Health Sciences.

Professor at the Department of Health Foundations (Uzhhorod National University) – 2017-2019.

Since creation (July 2002) due January 2017 was the Head Physician of Transcarpathian Regional Center for AIDS Prevention and Control. All that time was working (part-time) at Uzhhorod National University as:

- Associate Professor, Pulmonological department (including Physiological, Dermatovenereological courses with Infectious diseases), Faculty of Postgraduate Education;
- Associate Professor, Dermatovenereological department, (including "The problem of HIV" course), Medical Faculty;
- since September 2016 worked as Head of Public Health Department, Uzhhorod National University.

Since 2003 - head of the board of Transcarpathian Regional Charity Foundation "Transcarpathia vs AIDS".

On a voluntary basis was regional freelance specialist of Health Department (Transcarpathian Regional State Administration) in matters of HIV/AIDS counteraction.

Area(s) of Specialization: Dermatovenereologist (since 1996), regional specialist in matters of HIV/AIDS counteraction (since 2002 due 2017), was specializing in "Organization and management of health protection" (2004), higher qualification category in «Organization and management of health protection» (since 2007 due now). Specialization in «Health protection management» (for managers of health departments and medical institutions) (2011-2013).

Master's degree in management, educational program «Management of innovative activity» (1,5 years) 2016-2018.

Experience: Total work experience - 37 years, medical experience - 22 years, teaching experience - 23 years at Uzhhorod National University.

Studied and trained (institutions of higher education of Ukraine):

1989-1995 - medical faculty of the State University" Uzhhorod National University. "

1995-1996 - internship Lviv State Medical Institute (specialty "dermatovenereology"), 2000 - advanced training Lviv State Medical University (specialty "dermatovenereology"),

2004 - Specialization in "Organization and Management of Health Care" Lviv State Medical University,

2006 - Advanced training Kiev medical academy of postgraduate education on "organization and management of health care",

2006 - Thematic Improvement "HIV / AIDS Problems" Kharkiv Medical Academy of Postgraduate Education.

2009 - Advanced training in "dermatovenerology" Uzhhorod National University.

September 2011 - March 2013 - Specialization for managers of health care institutions of the third level of provision of medical care to the population according to the specialty "Healthcare



Management" full-time correspondence course (18 months) (NMAPE named after P. L. Shupyk , Kyiv)

2013 - Thematic Improvement "Epidemiological Analysis with the Basics of Statistics" Kharkiv Medical Academy of Postgraduate Education.

2016 - Thematic Improvement with international participation "Modern aspects of public health" - 4 weeks (O. Bogomolets NMU, Kyiv).

2016-2018 years - Master's degree in Management "Department of History and International Relations of the State University" UzhNU "

2017 - Thematic Improvement "Implementation of the Continuous Improvement Model at the Health Care facility level (the improvement of the continuum of services for people living with HIV" - 5 days (O. Bogomolets NMU, Kyiv).

Other trainings:

1997 - Seminar on the prevention and treatment of sexually transmitted infections among young people and adolescents, UNICEF. (July, Kherson).

2002 – Cycle of seminars "Leadership - a Key to Success" by UNDP in Ukraine (Kyiv)

2003 – 2004 – series of seminars "Leadership - Partnership Strength" of UNDP in Ukraine. (Kyiv),

2004 - Seminar (trainings for trainers) "Sexual Reproductive Health Advice Skills" UNFPA (February, Yalta) - received a certificate from the National Coordinator of the Gender Needs Consultation Advice Program UNFPA

2004 - Internship in the Republic of Poland "Prevention of HIV-infection" (April, Zheshiv)

2004 - workshop on the training of regional pedagogues-trainers of the Program "Promotion of educational work" peer-to-peer "among young people of Ukraine on a healthy lifestyle" (September-October, Uzhhorod)

2004 - workshop "HIV / AIDS - Treatment and Prevention"

in the Czech Republic, (November, Prague)

2005 - training for Leadership Against AIDS Coaches in UNDP Russia and Ukraine (May, SOCHI) - received a certificate from the International Coach on HIV / AIDS Leadership Program UNDP

2005 - seminar "Establishment of safe HIV / AIDS in the Czech-Transcarpathian area" in the Czech Republic (November, Prague)

2006 - internship in the USA (Open World Program)

2007 - 2 weeks internship in the Czech Republic (program to counter the HIV / AIDS epidemic among vulnerable groups)

2009 - seminar (training for trainers) "Reproductive and Sexual Health, Family Planning and Development of Safe Behavior in HIV-positive Women and Girls" UNFPA (January, Odessa) - received a national coach certificate on the program "Questions Preserving Reproductive and Sexual Health in HIV-positive Women and Girls" UNFPA

2009 - internship in Canada under the program "Implementation of a large-scale rapid HIV testing program in Ukraine" (December, Toronto)

2010 - seminar "Standardization of medical care in Ukraine (May, Odessa)

2011 - seminar "Improving the practice of using rapid tests for HIV" (July, Uzhhorod)

Personal skills:

1. Excellent organizational skills, ability to work independently, strict adherence to completing assigned tasks in a timely manner;
2. Outstanding analytical skills;
3. Quality-oriented professional, constructive approach to obstacles and delays in planned performance;
4. Excellent research and paper writing skills;
5. Excellent communication skills, oral and written.

He has a total of 241 scientific and methodical publications:

207 scientific publications and 34 teaching aids / recommendations;
Co-author of 7 manuals (recommended by the Ministry of Health or Ministry of Education and Science of Ukraine).

List of selected publications:

1. Ten indicators which characterize medical-demographic processes in adjacent regions of Ukraine and Poland Grshybowskyj, J.L., Smiiianov, V.A., Myronyuk, I.M., Lyubinets, O.V. 2019 Wiadomosci lekarskie (Warsaw, Poland: 1960)
2. Using a systematic approach in the process of the assessment problem analysis of the staff capacity within the health care institution Mulesa, O., Geche, F., Batyuk, A., Myronyuk, I. 2018 2018 IEEE 13th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2018 – Proceedings
3. Characteristics of the reproductive health of female population in Ukraine Zhilka, N.Y., Mironyuk, I.S., Slabkiy, G.O. 2018 Wiadomosci lekarskie (Warsaw, Poland : 1960)
4. Addiction to alcohol and drugs among the population of transcarpathian region Kruchanytsya, V.V., Mironyuk, I.S., Slabkiy, G.O. 2018 Wiadomosci lekarskie (Warsaw, Poland : 1960)
5. Characteristic of morbidity indices and prevalence of diseases among the population of transcarpathian region Skryp, V.V., Mironyuk, I.S., Slabkiy, G.O. 2018 Wiadomosci lekarskie (Warsaw, Poland : 1960)
6. Forming the clusters of labour migrants by the degree of risk of HIV infection Mulesa, O., Snytyuk, V., Myronyuk, I. 2016 Eastern-European Journal of Enterprise Technologies
7. OPTIMAL ALTERNATIVE SELECTION MODELS IN A MULTI-STAGE DECISION-MAKING PROCESS Oksana Mulesa, Vitaliy Snytyuk, Ivan Myronyuk. 2019 EUREKA: Physics and Engineering <http://eu-jr.eu/engineering/article/view/1005>
8. Using A Systematic Approach In The Process Of The Assessment Problem Analysis Of The Staff Capacity Within The Health Care Institution Mulesa, O.; Geche, F.; Batyuk, A.; Myronyuk, I Published in IEEE 13TH International scientific and technical conference on computer sciences and information technologies (csit), vol 1 2018
9. Belovicova M., Balazova I., Pilko J., Vansac P., Mironyuk I., Ermolova T. (2019) Chronic Hepatitis C – in Risk Groups in Eastern Europe: a Global Public-health Problem / Clinical Social Work and Health Intervention Vol. 10 No. 4 2019 P. 33-41.

FACULTY OF MEDICINE

Dean: Oleksandr Boldizhar,

Doctor of Sciences (Medicine), Professor

Experience:

He has 20 years' experience in scientific and clinical researches in surgery. He supervising PhD students and actively participating in teaching activity.

1971-1977 - MD, Honor Diploma Education Institution, Uzhhorod State University Medical Faculty, Specialization: Surgery

1978 - Internship, Surgery

1999 - Candidate of Science's (Ph.D.), Diploma:

ДК № 003725 P.L. Shupyk National Medical Academy of Postgraduate Education, Kiev

2001 - Docent of hospital surgery chair. Certificate ДЦ АЕ № 003353; Highest Attestation Commission of Ukraine

2008- Doctor of Medical Science's (D.Sc.); Diploma: ДД № 006525; Ternopil State Medical University; Highest Attestation Commission of Ukraine

2008 - "Laparoscopic surgery", Ternopil State Medical University

2011 - Professor of surgical disease chair. Certificate 12 ПРН№006824 , Highest Attestation Commission of Ukraine

2012- "Surgical proctology" P.L. Shupyk National Medical Academy of Postgraduate Education, Kiev

2015- Specialization "Endoscopy" Uzhhorod National University the highest qualification category

2015- Surgical treatment of diabetic foot syndrome. Ukrainian scientific and practical center of endocrine surgery, transplantation of endocrine organs and tissues of The Ministry of Health of Ukraine, Kiev

He has more than 153 publications, including Ukrainian and foreign publications, textbooks for students of medical universities, monographs in surgery, and patents of Ukraine.

Participation in projects and expert activities:

Laureate of State Prize of Ukraine in the field of science and technology 2009 // Project "Development and implementation of new methods for diagnosis and surgical treatment of pancreatic diseases", 2009

Expert of State Accreditation Council (Ministry of Education and Science of Ukraine) 2011

Expert in surgery of specialized scientific committee of Ternopil State Medical University 2011-2016

Expert in surgery of specialized scientific committee of Uzhhorod National University 2016-present

Researcher for scientific State grants:

"Diagnosis, treatment and prevention of thrombosis and thromboembolism" (ДБ – 671 п № 0108U001892) 2008 –2009;

«Methods of Surgical Prevention of Pulmonary Embolism» (ДБ – 761 п № 0110U002025) 2010 – 2011;

"Venous hypertension and its complications" (ДБ – 810 п № 0112U001548) 2012 – 2013;

"Methods of direct and indirect prevention of pulmonary embolism" (ДБ – 852 ф № 0115U001104) 2015-2017



Member of editorial boards of 3 medical scientific journals

List of selected publications:

1. Rusyn, V. I., & Boldizhar, O. O. (2007). Surgical methods in the treatment of pancreatic pseudocysts. *Klinichna khirurgiia*, (1), 33-35.
2. Horlenko O. Rusyn V., Boldizhar O. , Horlenk F, Kishko N., Yankovska A, ... & Kossei G. (2012). Mineral profile of pneumococcal diseases in the children.
3. Horlenko O., Rusyn V., Sochka N., Boldizhar O., Debreceni O. & Horlenko F. (2012). Preferable Disorders in the Children with Primary Hypertension Associated with Endothelial.
4. Horlenko, O. M., Rusyn, V. I., Boldizhar, O. O., Horlenko, F. V., Kishko, N. Y., Yankovska, A. O., & Kossey, G. B. (2012). 1027 Mineral Profile of Pneumococcal Diseases in the Children. *Archives of Disease in Childhood*, 97(Suppl 2), A294-A295.
5. Horlenko, O. M., Rusyn, V. I., Sochka, N. V., Boldizhar, O. O., Debreceni, O. V., & Horlenko, F. V. (2014). PO-0031 Preferable Disorders In The Children With Primary Arterial Hypertension Associated With Endothelial Dysfunction.
6. Derbak, M., Boldizhar, O., Sirchak, Y., Lazur, Y., & Aleksandrova, M. (2017). Combined course of bronchial asthma and gastroesophageal reflux disease: its clinical, functional peculiarities, and mechanisms of its correction. *Georgian medical news*, (272), 69-74.
7. Derbak, M., Boldizhar, O., Koval, G., Dankanych, E., & Lazur, Y. (2019). Clinical and endoscopic characteristics of the gastroduodenal mucosal lesions in patients with chronic hepatitis c infection with different body mass status. *Georgian medical news*, (288), 73-77.

Vice Dean: Oleg Devinyak

PhD in Pharmaceutical Sciences, Associate Professor at the Department of Pharmaceutical Disciplines

Experience:

2009-2014 Danylo Halytsky Lviv National Medical University. PhD in Pharmacy, Pharmaceutical Chemistry and Pharmacognosy subfield, 2014. Thesis: "Directed Synthesis and 'Structure-Anticancer Activity' Correlation Study of 4-Thiazolidinone Derivatives"

2004-2011 Transcarpathian State University M.S., Software Engineering

2010 - WIPO Worldwide Academy "General Course on Intellectual Property"

2004-2009 - Uzhhorod National University M.S., Pharmacy

He is a lecturer for such courses: Computer Modeling in Pharmacy (2010-present), Patent Law (2010-present), Statistical Analysis of

Scientific Data (elective course for PhD students, 2016-present), Pharmaceutical Analysis (pharmaceutical quality regulation, internship, 2012-present), Introduction to Research Methods (PhD students, 2016-present).

He has more than 51 original papers and reviews, Scopus indexed – 12 (h-index=5), more than 33 conference proceedings.

Participation in Projects and Expert Activities:

Expert of Ukrainian Scientific Council (Ministry of Education and Science of Ukraine) for the evaluation of grant proposals in biomedical sciences (2019-present)

Expert of Ukrainian Scientific Council (Ministry of Education and Science of Ukraine) for the evaluation of young scientists' grant proposals in biomedical sciences (2016-present)

Senior Researcher for DB-891M «New heterocyclic cationic surface-acting agents with antiseptic and antibacterial properties» (2018-present)

President of Ukraine Grant for Young Scientists – 2016, project "The study of structure-effect correlations and purposeful synthesis of new substances possessing antibacterial and antituberculosis activity based on 4-thiazolidinone and 1,2,4-triazole-3-thione scaffolds"

**List of selected publications:**

1. Zimenkovsky A., Nastykha Y., Kostyana K., Devinyak O., Zayats M., Koval A., Denysiuk O., Gorodnycha O., Siatynia V. Clinical pharmacy in Ukraine according to the healthcare professionals' assessment // Pharmacia. – 2019. – Vol. 66(4). – P. 193-200. DOI: 10.3897/pharmacia.66.e37706
2. Andrashko Y.V., Yaremkevych R.R., Devinyak O.T., Zimenkovskiy A.A. "Electronic calculator of chronic pruritus": the first questionnaire for chronic pruritus evaluation in the Ukrainian language // Journal of Education, Health and Sport. – 2018. – Vol. 8(1). – P. 414-429.

3. Zimenkovsky A., Nastyukha Y., Boretska O., Devinyak O., Melikova F. Perception of information about drugs by a patient as an aspect of pharmaceutical care on the example of non-steroidal anti-inflammatory drugs // *Pharmacia*. – 2018. – Vol. 65(1). – P. 18-33.
4. Rusyn V.I., Korsak V.V., Kochmar O.M., Kalynych S.S., Devinyak O.T. Characteristic of the hemostasis indices in chronic venous insufficiency in stage of decompensation // *Klinicheskaia khirurgiia*. – 2018. – T. 85. – №. 7. – P. 47-50.
5. Kryshchyshyn A., Devinyak O., Kaminskyy D., Grellier P., Lesyk R. Development of Predictive QSAR Models of 4-Thiazolidinones Antitrypanosomal Activity using Modern Machine Learning Algorithms // *Molecular Informatics*. – 2018. – Vol. 37(5). – e1700078.
6. Horlenko O., Pushkash L., Devinyak O., Pushkash I. Correction of iodine deficiency states and dynamic modeling of positive dynamics of indicators of thyroid functions by supplementation // *EUREKA: Health Sciences*. – 2018. – Vol. 2. – P. 17-23.
7. Zimenkovsky A., Nastyukha Y., Boretska O., Drozd M., Devinyak O. Quality of pharmaceutical care at the stage of patients' needs identification under conditions of community pharmacies as a transborder problem. // *Acta Poloniae Pharmaceutica - Drug Research*. – 2017. - Vol. 74. - No. 3. - P. 1011-1019
8. Devinyak O.T., Lesyk R.B. 5-Year Trends in QSAR and its Machine Learning Methods // *Current computer-aided drug design*. 2016. 12(4). P. 265-271.
9. Slivka M., Korol N., Fizer M., Pant'ov V., Krivov'iaz A., Devinyak O., Lendel V., Mariychuk R. New approaches in creation of 1,2,4-triazole-containing bio-active compounds for environmental technologies // *Obuda University e-Bulletin*. 2016. Vol. 6, No. 1. P. 50-56.
10. Devinyak O. 3D-MoRSE descriptors explained / O. Devinyak, D. Havrylyuk, R. Lesyk // *Journal of Molecular Graphics and Modelling*. - 2014. - Vol. 54. - P. 194-203.
11. Computational Search for Possible Mechanisms of 4-Thiazolidinones Anticancer Activity: The Power of Visualization / O. Devinyak, D. Havrylyuk, B. Zimenkovsky, R. Lesyk // *Molecular Informatics*. - 2014. - Vol. 33(3). - P. 216-229.
12. Virtual Screening and its Experimental Validation Reveal Novel Compounds with Promising Anticancer Activity Among 4-Thiazolidinone- Pyrazoline- and Isatin-Based Conjugates / OT Devinyak, DYa Havrylyuk, SS Avdieiev, VV Chumak, RR Panchuk, RS Stoika, VM Kavsan, RB Lesyk // *Austin Journal of Bioorganic & Organic Chemistry*. - 2014. - 1(1). - P. 1-6.
13. Hormonotherapy in patients with bilateral breast cancer / Y.S. Hotko, D.Y. Tsyhyka, S.V. Zhero, D.V. Prygara, N.Y. Pogorelova, O.I. Tsyhyka, V.Y. Ihnatko, O.T. Devinyak // *Inter Medical Journal*. – 2014. – 1(1). – P. 84-90.
14. Tsyhyka D.Y. Receptor status of tumor as prognostic factor in patients with bilateral breast cancer / D.Y. Tsyhyka, Y.S. Hotko, O.T. Devinyak // *Experimental Oncology*. – 2013. – 4(35). – C. 291-294.
15. Devinyak O.T. Cluster analysis as a rational method for pharmaceutical market segmentation on price basis / O.T. Devinyak, T.I. Khudan, M.I. Kusiyy // *Clinical Pharmacy, Pharmacotherapy and Medical Standardization*. – 2013. – 4 (21). – P. 132-136.
16. Features of compliance in the system «doctor – parents – patient» in the treatment of children with cystic fibrosis. Communication 2. / N.V. Rohovyk, A.B. Zimenkovsky, Y.S. Korzhynskyy, L.Y. Bober, O.V. Lyga, O.T. Devinyak // *Clinical Pharmacy, Pharmacotherapy and Medical Standardization*. – 2013. – 2 (19). – P. 145-153.
17. Devinyak O. Biologically active 4-thiazolidinones: a review of QSAR studies and QSAR modeling of antitumor activity / O. Devinyak, B. Zimenkovsky, R. Lesyk // *Current Topics in Medicinal Chemistry* – 2012. – Vol. 12(24). – P. 2763-2784.
18. Quantitative structure-activity relationship study and directed synthesis of Thieno [2, 3-d] pyrimidine-2, 4-diones as monocarboxylate transporter 1 inhibitors / O.T. Devinyak, M.V.

Slivka, M.V. Slivka, V.M. Vais, V.G. Lendel // Med. Chem. Res. -2012. - Vol.21 (9). - P.2263-2272.