

CURRICULUM VITAE

Dr. Bezugla Olena

PERSONAL INFORMATION

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Scopus Author ID:	6506248158

PROFESSIONAL CAREER

2017 – until now	Head of the Laboratory of Technology and Analysis of Medicines, Institute for Single Crystals of the National Academy of Sciences of Ukraine
2013-2016	Senior Researcher, Institute for Single Crystals of the National Academy of Sciences of Ukraine
2010-2013	Head of the Laboratory of Liquid and Semi-solid Medicines, State Scientific Centre of Medicinal Products
2003-2010	Leading researcher, State Scientific Centre of Medicinal Products
1996-2003	Senior Researcher, State Scientific Centre of Medicinal Products
1991-1996	Junior Researcher, State Scientific Centre of Medicinal Products

EDUCATION, ACADEMIC STATUS

1985-1990	Student of Kharkiv Pharmaceutical Institute
1996	Candidate of Sciences (PhD, Pharmacy)
2000	Senior Researcher

TRAINING

2001-2002	training in GMP/GDP theory and audit procedures on behalf of the TACIS Project «National Pharmaceutical Inspectorate»
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SCIENTIFIC PUBLICATIONS

The total number of publications is 290, including 2 edited monographs, 32 patents and scientific papers published in national and international peer-reviewed journals, 23 of which are included in the Scopus/Web of Science databases, 30 regulatory documents (guidelines) of the Ministry of Health of Ukraine

SELECTED PUBLICATIONS

1. Liapunov, O., Bezugla, O., Liapunova, A., & Lysokobylka, O. (2024). Study of the effect of ethanol on the properties of poloxamer 338 solutions by rotational viscometry and spin probe method. *ScienceRise: Pharmaceutical Science*, (3 (49), 13–26. <https://doi.org/10.15587/2519-4852.2024.306365>
2. Bezugla, O., Stolper, Y., Lyapunov, N., Zinchenko, I., & Liapunov, O. (2023). Study of factors affecting some properties of hydrophilic suppository base. *ScienceRise: Pharmaceutical Science*, (5(45), 4–15. <https://doi.org/10.15587/2519-4852.2023.286315>
3. Lyapunov, N., Bezugla, O., Liapunov, O., & Lysokobylka, O. (2023). Study of aqueous solutions of poloxamers by rotational viscometry and spin probe method. *ScienceRise: Pharmaceutical Science*, (4(44), 4–18. <https://doi.org/10.15587/2519-4852.2023.285933>
4. Bezugla O.P., Krasnopyorova A.P., Liapunova A.M., Yukhno G.D., Lyapunov M.O. (2023) Study of viscosity and quasi-thermodynamic activation parameters for viscous flow in the system water-(propylene glycol-macrogol 400). *Funct. Mater.*, 30 (1), 60-64. <https://doi.org/10.15407/fm30.01.60>
5. Bezugla, O., Liapunova, A., Zinchenko, I., Liapunov, O., Lyapunov, N., & Stolper, Y. (2022). Study of factors affecting the in vitro release of ketoprofen from carbomers-based gels. *ScienceRise: Pharmaceutical Science*, (6(40), 4–20. <https://doi.org/10.15587/2519-4852.2022.268933> (Q3)
6. Lyapunov, N., Bezuglaya, E., Liapunova, A., Zinchenko, I., Liapunov, O., Lysokobylka, O., & Stolper, Y. (2022). Effect of the composition of emulsifiers and the dispersion medium on the properties of bases for semi-solid preparations. *ScienceRise: Pharmaceutical Science*, (5 (39), 29–45. <https://doi.org/10.15587/2519-4852.2022.266001> (Q3)
7. Bezuglaya, E., Lyapunov, N., Chebanov, V., & Liapunov, O. (2022). Study of the formation of micelles and their structure by the spin probe method. *ScienceRise: Pharmaceutical Science*, (4 (38), 4-18. <https://doi.org/10.15587/2519-4852.2022.263054> (Q3)
8. Bezugla O.P., Lyapunov M.O., Zinchenko I.O., Lisokobilka O.A., Liapunova A.M. (2022). Modeling of processes of solvent diffusion from ointment bases using in vitro experiments. *Funct. Mater.* 2022; 29 (4): 553-558.
9. Y.I. Sakhno, I.O. Zinchenko, I.B. Shcherbakov, H.L. Ivashchenko, Yu.M. Stolper, A.M. Liapunova, K.M. Belikov, S.M. Desenko, O.P. Bezugla, V.A. Chebanov (2022). Stress testing of 2,5-dihydro-1H-pyrrol-3-yl substituted acetic acid. *Funct. Mater.* 29 (4): 611-620. <https://doi.org/10.15407/fm29.04.611> (Q4)
10. Bezuglaya, E., Lyapunov, N., Lysokobylka, O., Liapunov, O., Klochkov, V., Grygorova, H., & Liapunova, A. (2021). Interaction of surfactants with poloxamers 338 and its effect on some properties of cream base. *ScienceRise: Pharmaceutical Science*, (6 (34), 4–19. <https://doi.org/10.15587/2519-4852.2021.249312> (Q4)
11. Bezuglaya, E., Zinchenko, I., Lyapunov, N., Vlasenko, H., & Musatov, V. (2021). Substantiation of an approach to determination of ketoprofen macrogol 400 esters. *ScienceRise: Pharmaceutical Science*, (3(31), 51–63. <https://doi.org/10.15587/2519-4852.2021.235980> (Q4).

SCIENTIFIC PROJECTS

2015-2016	«Development of a medicinal product with antimicrobial and analgesic action for local treatment of wounds» (state registration number 0115U003992) (<i>Principal Investigator</i>)
2023-2024	«Development of components of antimicrobial drugs to increase the effectiveness of their action and prevent resistance of microorganisms» (2022.01/0087; Science for the recovery of Ukraine in the War and Post-War Periods; National Research Foundation of Ukraine) (<i>Executor</i>)

SUPERVISOR OF PhD THESES

2008	<i>Natalia Volovyk</i> , Candidate of Sciences (PhD, Pharmacy)
2008	<i>Stolper Yuryj</i> , Candidate of Sciences (PhD, Pharmacy)
2018	<i>Liapunov Olexii</i> , Candidate of Sciences (PhD, Pharmacy)
2019	<i>Liapunova Anna</i> , Candidate of Sciences (PhD, Pharmacy)
2020	<i>Bovtenko Volodimir</i> , Candidate of Sciences (PhD, Pharmacy)
2020	<i>Zinchenko Igor</i> , Candidate of Sciences (PhD, Pharmacy)

AWARDS

2001	Certificate of Honour of the Ministry of Health of Ukraine
2001, 2004	Certificate of Honour of the Pharmaceutical Association of Ukraine
2012	Diploma of M.O. Valyashko Scholarship in Science (Pharmacy) of the Kharkiv Regional State Administration
2013	Certificate of Honour of the Association of Employers of the Medical and Microbiological Industry of Ukraine
2014	Acknowledgement of the Head of Kharkiv Regional State Administration
2023	Acknowledgement from the Mayor of Kharkiv