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Ganna Yanovska

Date of birth: 28/11/1980 | **Nationality:** Ukrainian | **Gender:** Female |

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https://www.linkedin.com/in/anna-yanovska-b936b676/ | Anna Yanovska |

2, Rymskogo-Korsakova st., 40007 Sumy, Ukraine, 40007, Sumy, Ukraine

About me:
PhD physical chemistry Area of interests: biomaterials synthesis (scaffolds, hydrogels, powders, flake-like structures). Synthesis of various substituted calcium phosphate materials for biomefical application. The development of calcium-phosphate coatings for medical implants applied in dentistry and orthopedy. Surface modification

WORK EXPERIENCE

01/06/2021 – CURRENT – Sumy, Ukraine
ASSOCIATED PROFESSOR – SUMY STATE UNIVERSITY

Vice head of Theoretical and Applied Chemistry Department of Sumy State University

01/09/2017 – 31/05/2021 – Sumy, Ukraine
SENIOR LECTURER – SUMY STATE UNIVERSITY, THEORETICAL AND APPLIED CHEMISTRY DEPARTMENT

Address Sumy, Ukraine

15/04/2015 – 30/06/2017
ASSISTANT LECTURER – SUMY STATE UNIVERSITY

Address Sumy, Ukraine

01/12/2014 – 31/08/2017
RESEARCHER OF RADIATION BIOPHYSICS DEPARTMENT – INSTITUTE OF APPLIED PHYSICS, NATIONAL ACADEMY OF SCIENCES OF UKRAINE

Address Sumy, Ukraine

01/11/2008 – 01/11/2014
YOUNG RESEARCHER IN RADIATION BIOPHYSICS DEPARTMENT – INSTITUTE OF APPLIED PHYSICS, NATIONAL ACADEMY OF SCIENCES OF UKRAINE

PhD degree in Physical chemistry (2014 year)

Address Sumy, Ukraine

EDUCATION AND TRAINING

15/04/2021 – CURRENT – Sumy, Ukraine
ASSOCIATED PROF. – Sumy State University

Address Sumy, Ukraine

01/04/2018 – Sumy, Ukraine
ECL ENGLISH CERTIFICATE (B2) (CERTIFICATE OF ATTAINMENT IN MODERN LANGUAGES) – Sumy State University

Address Sumy, Ukraine

01/11/2005 – 31/10/2008 – Sumy, Ukraine
PHD STUDY IN BIOPHYSICS – Institute of Applied Physics, National Academy of Sciences of Ukraine

Address Sumy, Ukraine

01/09/2003 – Sumy, Ukraine
DIPLOMA OF ENGLISH AND ENGLISH LITERATURE TEACHER – Sumy State Pedagogical University

Address Sumy, Ukraine

01/09/1998 – Sumy, Ukraine
DIPLOMA OF TEACHER OF BIOLOGY, CHEMISTRY, ECOLOGY, HEALTH SCIENCE – Sumy State Pedagogical University

Address Sumy, Ukraine

PROJECTS

01/06/2022 – CURRENT
DAAD project "Ukraine digital 2022" (University of Duisburg-Essen, Germany; project number DAAD 57651091)

01/09/2020 – CURRENT
Erasmus + «Jean Monnet» 620717-EPP-1-2020-1-UA-EPPJMO-MODULE Modern European tendencies in biomedical higher education: biomaterials.

14/07/2019 – CURRENT
HORIZON-2020" Nanosurf 77726 H2020 MSCA RISE-2017

PROFILES IN SCOPUS, WOS, ORCHID

Scopus author ID 40462758100

https://www.scopus.com/authid/detail.uri?authorId=40462758100

Web of Science ResearcherID: AAP-8521-2020

https://www.webofscience.com/wos/author/record/AAP-8521-2020

ORCHID 0000-0001-8040-7457

https://orcid.org/0000-0001-8040-7457

PUBLICATIONS

Functional and biological characterization of chitosan electrospun nanofibrous membrane nucleated with silver nanoparticles

https://doi.org/10.1557/s43578-021-00358-4 – 2022
Korniienko, V., Husak, Y., Yanovska, A., Banasiuk, R., Yusupova, A., Savchenko, A., Holubnycha, V., Pogorielov, M. Functional and biological characterization of chitosan electrospun nanofibrous membrane nucleated with silver nanoparticles (2022) Applied Nanoscience (Switzerland), 12 (4), pp. 1061-1070.

Impact of Electrospinning Parameters and Post-Treatment Method on Antibacterial and Antibiofilm Activity of Chitosan Nanofibers

https://doi.org/10.3390/molecules27103343 – 2022
Korniienko, V.; Husak, Y.; Radwan-Pragłowska, J.; Holubnycha, V.; Samokhin, Y.; Yanovska, A.; Varava, J.; Diedkova, K.; Janus, Ł.; Pogorielov, M. Impact of Electrospinning Parameters and Post-Treatment Method on Antibacterial and Antibiofilm Activity of Chitosan Nanofibers. *Molecules* 2022, *27*, 3343.

Hemostatic and tissue regeneration performance of novel electrospun chitosan-based materials

https://doi.org/10.1557/s43578-021-00358-4 – 2021
Deineka, V., Sulaieva, O., Pernakov, M., Korniienko, V., Husak, Y., Yanovska, A., Yusupova, A., Tkachenko, Y., Kalinkevich, O., Zlatska, A., Pogorielov, M. Hemostatic and tissue regeneration performance of novel electrospun chitosan-based materials
(2021) Biomedicines, 9 (6), art. no. 588.

Cell viability and collagen deposition on hydroxyapatite coatings formed on pretreated substrates

https://www.sciencedirect.com/science/article/abs/pii/S0254058420313389 – 2021
A.Yanovska,, Ye Husak, O.Mishchenko, A.Gudakov, O.Oleshko, A.Yusupova, M.Vielikov, J.Radwan-Pragłowska, M.Piątkowski, Ł.Janus, E.Szajna, M.Pogorielov Cell viability and collagen deposition on hydroxyapatite coatings formed on pretreated substrates Materials Chemistry and Physics Volume 258, 15 January 2021, 123978 123978

Development, characterization and antimicrobial properties of silver nanoparticles loaded chitosan alginate sponges for biomedical application

https://doi.org/10.1557/s43578-021-00358-4 – 2021
A. Yanovska, Ye. Husak, V. Korniienko, V. Holubnycha, O. Mishchenko, R. Banasiuk, J. Radwan Pragłowska, M. Piątkowski, Ł. Janus, M. Pogorielov Development, characterization and antimicrobial properties of silver nanoparticles loaded chitosan alginate sponges for biomedical application. Journal of Materials Research (2021) P.1-11

Hemostatic performance and biocompatibility of chitosan-based agents in experimental parenchymal bleeding

https://www.sciencedirect.com/science/article/abs/pii/S0928493120336596 – 2020
V.Deineka, O.Sulaieva, N.Pernakov, J.Radwan Pragłowska, L.Janus, V.Korniienko, Husak Ye., A.Yanovska, I. Liubchak, A.Yusupova, M.Piątkowski. A.Zlatska, M.Pogorielov Hemostatic performance and biocompatibility of chitosan-based agents in experimental parenchymal bleeding Materials Science and Engineering: C Available online 21 November 2020, 111740

Composite materials based on hydroxyapatite embedded in biopolymer matrices: ways of synthesis and application Chapter in the book: Materials for Biomedical Engineering Hydrogels and Polymer-based Scaffolds

https://doi.org/10.1016/B978-0-12-816901-8.00013-4. – 2019
Yanovska A., Bolshanina S. Composite materials based on hydroxyapatite embedded in biopolymer matrices: ways of synthesis and application Chapter in the book: Materials for Biomedical Engineering Hydrogels and Polymer-based Scaffolds Edited by Alina-Maria Holban and Alexandru Mihai Grumezescu, Elsevier, 2019. P. 403-440 ISBN 9780128169018,

Degradation and In Vivo Response of Hydroxyapatite-Coated Mg Alloy

2018
Yevheniia Husak, Oleksandr Solodovnyk, Anna Yanovska, Yevhenii Kozik, Iryna Liubchak, Viktoriia Ivchenko, Oleg Mishchenko, Yevhen Zinchenko, Vladimir Kuznetsov, Maksym Pogorielov. Degradation and In Vivo Response of Hydroxyapatite-Coated Mg Alloy // Coatings 2018, 8(11), 375. https://doi.org/10.3390/coatings8110375

Synthesis and characterization of hydroxyapatite-gelatine composite materials for orthopaedic application

https://doi.org/10.1016/j.matchemphys.2016.08.006 – 2016
A. Yanovska, V. Kuznetsov, A. Stanislavov, E. Husak, M. Pogorielov, V. Starikov, S. Bolshanina, S. Danilchenko Synthesis and characterization of hydroxyapatite-gelatine composite materials for orthopaedic application // Materials Chemistry and Physics 183 (2016) 93-100.

Controllability of brushite structural parameters using an applied magnetic field

https://doi.org/10.1016/j.msec.2015.11.066 – 2016
V.N. Kuznetsov, A.A. Yanovska, A.S. Stanislavov, S.N. Danilchenko, A.N. Kalinkevich, L.F. Sukhodub Controllability of brushite structural parameters using an applied magnetic field // Materials Science and Engineering C 60 (2016) 547–553.

Fabrication of nanocomposite calcium-phosphate coatings by thermal substrate method. «Comprehensive guide for nanocoatings technology. Application and commercialization

https://novapublishers.com/shop/comprehensive-guide-for-nanocoatings-technology-volume-4-application-and-commercialization/ – 2015
Yanovska A., Danilchenko S., Sukhodub L. "Fabrication of nanocomposite calcium-phosphate coatings by thermal substrate method. «Comprehensive guide for nanocoatings technology. Application and commercialization". Nova Science Publishers. USA. New-York. – 2015. V. 4. P. 157-183. (Chapter in the book).
https://novapublishers.com/shop/comprehensive-guide-for-nanocoatings-technology-volume-4-application-and-commercialization/

Silver-doped hydroxyapatite coatings formed on Ti-6Al-4V substrates and their characterization

https://doi.org/10.1016/j.msec.2013.12.011 – 2014
A.A. Yanovska, A.S. Stanislavov, V.N. Kuznetsov, V.Yu. Illiashenko, S.N. Danilchenko, L.F. Sukhodub. Silver-doped hydroxyapatite coatings formed on Ti-6Al-4V substrates and their characterization // Materials science and engineering, Series C. – 2014. – Vol. 36. – P. 215-220.

Calcium–phosphate coatings obtained biomimetically on magnesium substrates under low magnetic field

https://doi.org/10.1016/j.apsusc.2012.05.052 – 2012
A. Yanovska, V. Kuznetsov, A. Stanislavov, S. Danilchenko, L. Sukhodub Calcium–phosphate coatings obtained biomimetically on magnesium substrates under low magnetic field. // Applied Surface Science. – 2012. – Vol. 258. – P. 8577-8584.

A study of brushite crystallization from calcium-phosphate solution in the presence of magnesium under the action of a low magnetic field

https://doi.org/10.1016/j.msec.2012.05.007Get rights and content – 2012
A.A. Yanovska, V.N. Kuznetsov, A.S. Stanislavov, S.N. Danilchenko, Sukhodub L.F. A study of brushite crystallization from calcium-phosphate solution in the presence of magnesium under the action of a low magnetic field // Materials science and engineering, Series C. – 2012. – Vol. 32. – P. 1883-1887.

Synthesis and characterization of hydroxyapatite-based coatings for medical implants obtained on chemically modified Ti6Al4V substrates

https://doi.org/10.1016/j.surfcoat.2011.05.040 – 2011
A. Yanovska, V. Kuznetsov, A. Stanislavov, S. Danilchenko, L. Sukhodub. Synthesis and characterization of hydroxyapatite-based coatings for medical implants obtained on chemically modified Ti6Al4V substrates // Surface & Coatings Technology. – 2011. – Vol. 205. – P. 5324-5329.

LANGUAGE SKILLS

Mother tongue(s): **UKRAINIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
RUSSIAN	C2	C2	C2	C2	C2
GERMAN	A1	A2	A1	A1	A1
POLISH	A1	A2	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

World office,world,excel | Power Point, | image G | Mendeley | Good knowledge in the use of scientific databases Scopus Web of Science

ORGANISATIONAL SKILLS

Organisational skills

Managerial skills obtained as Vice-Head of Theoretical and Applied Chemistry Department
Good organisation skills, leadership, good team-leading skills obtained in working with students and collegues

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Excellent contact and communication skills with students, I also work with foreign students, communicate with them in English.

JOB-RELATED SKILLS

Job-related skills

mentoring skills (as a teacher I teach and consult students using e-learning, provide organization of teaching process), mobility (ability to work with new technologies by using of new methods and metodics), qualified scientific work and teaching ability

DRIVING LICENCE

Driving Licence: B