

RESUME (CV)

Abdullaeva Zhypargul Dushabaevna

	<p>1. Abdullaeva Zhypargul Dushabaevna, born in 1984 in Osh, Kyrgyz. 2. In 2006 graduated with honor from the Faculty of Natural Sciences of Osh State University with a degree in Chemistry Biology teacher. 3. Ph.D in New Frontier Science and Technology since 2013. Defense thesis on "Synthesis of carbon, carbide and sulfide nanoparticles using pulsed plasma in liquid and study of their properties for various applications", May 25, 2013 in Japan, Kumamoto University in the dissertation council DP-A-266 under the Ministry of Education, Culture, Science and Technology Japan. 4. Candidate of chemical sciences, Bishkek, nostrification at the Higher Attestation Commission. 5. Pedagogical work experience in universities is 7 years, the total scientific and pedagogical experience is 18 full years.</p>
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PERSONAL INFORMATION

FAMILY NAME	Abdullaeva		
NAME	Zhypargul		
PATRONYMIC	Dushabaevna		
DATE OF BIRTH	03/06/1984		
CONTACT INFORMATION:	Citizenship	Kyrgyzstan	
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EDUCATION:

Date	University	Faculty	Specialty, degree
2001/2006	Osh State University	Natural Sciences Faculty	Teacher of chemistry and biology
2010/2013	Kumamoto University Japan	Institute of impulse plasma	PhD
2013/2014	Kumamoto University Japan	Program HUREC	Post Doctor

PUBLICATIONS

Original peer-reviewed papers:

1. Zhumakanov, K., Abdurasulov, A., Toktosunov, B., Khalmurzaev, A., Abdullaeva, Z. Meat Productivity, Biochemical and Amino Acid Composition of Bull Meat with Different Genotypes. *Journal of Pharmaceutical Negative Results*, 2022, 13, pp. 2768–2772. <https://www.pnrjournal.com/index.php/home/article/view/4651>
2. Sakibaev, K., Zhanybek kyzzy, K., Tashmatova, N., Klochkova, S., Atabaev, I., Nikityuk, D., Abdullaeva, Z., Dzhumaeva, L., Alexeeva, N. and Satylganov, I. (2021) Somatotopological Features of the Skin Fat Fold Thickness in Ethnic Kyrgyz Women. *Forensic Medicine and Anatomy Research*, 9, 1-9. <https://doi.org/10.4236/fmar.2021.91001>
3. Muratov, A., Tuibayev, Z., Arynov, Z., Abdykalykov, K., Kurbanbayev, O., Khashimov, B., Matkasymov, M., & Abdullaeva, Z. (2020). Combined thoracoabdominal injury: Case report. *Annals*

of medicine and surgery (2020), 56, 149–151. <https://doi.org/10.1016/j.amsu.2020.06.030>

4. Sakibaev, K., Nikityuk, D., Tashmatova, N., Nuruev, M., Dzhumaeva, L., Muratov, Z., Klochkova, S., Abdullaeva, Z. and Kozuev, K. (2020) Groups of the Body Constitution and Age-Related Anthropometric Parameters in Kyrgyz Women. *Forensic Medicine and Anatomy Research*, 8, 65-80. <https://doi.org/10.4236/fmar.2020.84007>
5. Osumbekov, B., Chokotaev, M., Osumbekov, R., Mamanov, N., Arynov, Z. and Abdullaeva, Z. (2020) Displacement of the Residual Liver Cavity in Laparoscopic Echinococectomy. *Surgical Science*, 11, 281-288. <https://doi.org/10.4236/ss.2020.1110030>
6. Abaeva, T., Muratov, Z., Tukhvatshin, R., Abdullaeva, Z., Seitova, A., Tursunova, V., Zhanganaeva, M., Satybaliev, M., Dzhumaeva, L., Abdyraimova, M., Mamasadykova, F. and Alimbekova, A. (2020) Morphological Characteristics of Thymus in the Newborns in Different Climatic and Geographical Conditions of Kyrgyzstan. *International Journal of Medical Physics, Clinical Engineering and Radiation Oncology*, 9, 178-185. <https://doi.org/10.4236/ijmpcero.2020.94016>
7. Orunbaeva, B., Attokurov, K., Attokurova, G., Abdullaeva, Z., Aytieva, F. and Tuychieva, D. (2020). Microflora Formation in Newborns Depending on the Mother Microbiological Profile and Locality Altitude. *Open Journal of Medical Microbiology*, 10, 162-169. <https://doi.org/10.4236/ojmm.2020.103014>
8. Alamanova, E., Shyytyeva, N., Berdalieva, Z., Abdyldaeva, N., Duishonbaeva, A. and Abdullaeva, Z. (2021) Coordination Polymer of Cobalt (II) Nitrate with Imidazole: Synthesis, Properties and Crystal Structure. *Journal of Crystallization Process and Technology*, 10, 1-9. <https://doi.org/10.4236/jcpt.2021.101001>
9. Sulaimankulova, S., Mametova, A., Abdullaeva, Z. Fusiform gold nanoparticles by pulsed plasma in liquid method. *SN Appl. Sci.* (2019) 1: 1427. <https://doi.org/10.1007/s42452-019-1345-z>
10. K. Sartova, E. Omurzak, G. Kambarova, I. Dzhumaev, B. Borkoev, Z. Abdullaeva, Activated carbon obtained from the cotton processing wastes, *Diamond and Related Materials*, 91, 2019, p. 90-97, <https://doi.org/10.1016/j.diamond.2018.11.011>
11. Z. Zhasnakunov, A.C. Satyvaldiev, T. Doolotkeldieva, E. Omurzak, S.T. Bobusheva, Z. Kelgenbaeva, Z. Abdullaeva, Synthesis of Biologically Active Silver and Copper Nanocomposites, *Materials Research Express*, 2018, 5, 085404, <https://DOI:10.1088/2053-1591/aaca7d>
12. Anarkulov, R., Anarkulov, T., Deidieva, F., & Abdullaeva, Z. (2021). World Nomad Games as a Factor Increasing the Kyrgyz Republic Image. *Advances in Physical Education*, 11, 387-394. <https://doi.org/10.4236/ape.2021.114032>
13. E. Omurzak, Z. Abdullaeva, A.S. Satyvaldiev, T. Mashimo, Synthesis of Nanomaterials by the Pulsed Plasma in Liquid and their Bio-medical Applications, *IOP Conference series: Materials Science and Engineering*, 2018, 302, 012076, <https://DOI: 10.1088/1757-899X/302/1/012076>
14. Z. Kelgenbaeva, Z. Abdullaeva, B. Murzubraimov, Solvothermal synthesis of Au@Fe₃O₄ nanoparticles for antibacterial applications, *The European Physical Journal Conferences* 177:01002, 2018, DOI: 10.1051/epjconf/201817701002
15. S. Khamlich, Z. Abdullaeva, J.V. Kennedy, M. Maaza, High performance symmetric supercapacitor based on zinc hydroxychloride nanosheets and 3D graphene-nickel foam composite, *Applied Surface Science*, 405, 2017, pp. 329–336, <https://doi.org/10.1016/j.apsusc.2017.02.095>
16. Z. Abdullaeva, Z. Kelgenbaeva, T. Masayuki, M. Hirano, S. Nagaoka, T. Shiroasaki, Graphene Sheets with Modified Surface by Sodium Lauryl Sulfate Surfactant for Biomedical Applications, *Graphene*, 2016, 5, p.155-165, DOI: [10.4236/graphene.2016.54013](https://doi.org/10.4236/graphene.2016.54013)
17. Z. Abdullaeva, Z. Kelgenbaeva, E. Omurzak, T. Mashimo, Synthesis of Au-Si and SiO₂ Nanoparticles by Pulsed Plasma in Liquid Method, Characterization and Study of Their Thermal

Annealing Behaviours, *IJSEI*, Vol. 5, Issue 55, 2016, Paper ID: 55516-08

18. Z. Abdullaeva, Z. Kelgenbaeva, S. Nagaoka, M. Matsuda, T. Masayuki, M. Koinuma, T. Nishiyama, Solvothermal Synthesis of Surface-Modified Graphene/C and Au-Fe₃O₄Nanomaterials for Antibacterial Applications, *Materials Today* proceedings Journal, Nanotechnology NN-16 Conference in Thessaloniki, Greece, 2016, <https://doi.org/10.1016/j.matpr.2017.07.036>
19. Zhazgul Kelgenbaeva, Emil Omurzak, Shintaro Takebe, Saadat Sulaimankulova, Zhypargul Abdullaeva, Chihiro Iwamoto, Tsutomu Mashimo, Synthesis of pure iron nanoparticles at liquid-liquid interface using pulsed plasma, *J. Nanopart. Res.* (2014) 16:2603, <https://doi.org/10.1007/s11051-014-2603-z>
20. Omurzak Emil, Abdullaeva Zhypargul, Iwamoto Chihiro, Ihara Hirotaka, Sulaimankulova Saadat, Mashimo Tsutomu, Synthesis of Hollow Carbon Nano-Onions Using the Pulsed Plasma in Liquid, *Journal of Nanoscience and Nanotechnology*, Volume 15, Number 5, May 2015, pp. 3703-3709(7), <http://DOI:10.1166/jnn.2015.9278>
21. Zhypargul Abdullaeva, Emil Omurzak, Chihiro Iwamoto, Hirotaka Ihara, Hullathy Subban Ganapathy, Saadat Sulaimankulova, Michio Koinuma, Tsutomu Mashimo, Pulsed Plasma Synthesis of Iron and Nickel Nanoparticles Coated by Carbon for Medical Applications, *Japanese Journal of Applied Physics*, Vol. 52, No. 1, pp. 01AJ01, January, 2013, <https://doi.org/10.7567/JJAP.52.01AJ01>
22. Zhypargul Abdullaeva, Emil Omurzak, Chihiro Iwamoto, Hiroki Okudera, Michio Koinuma, Shintaro Takebe, Saadat Sulaimankulova, Tsutomu Mashimo, High Temperature Stable WC_{1-x}@C and TiC@C Core-Shell Nanoparticles by Pulsed Plasma in Liquid, *RSC Advances*, Vol. 3, No. 2, pp. 513–519, November, 2013, <http://DOI: 10.1039/C2RA22028H>
23. Liliang Chen, Tsutomu Mashimo, Chihiro Iwamoto, Hiroki Okudera, Emil Omurzak, Hullathy Subban Ganapathy, Hirotaka Ihara, Jidong Zhang, Zhypargul Abdullaeva, Shintaro Takebe, Akira Yoshiasa, Synthesis of novel CoCx@C nanoparticles, *Nanotechnlogy*, Vol. 24, No. 4, pp. 045602, February, 2013, <DOI:10.1088/0957-4484/24/4/045602>
24. Zhazgul Kelgenbaeva, Emil Omurzak, Shintaro Takebe, Zhypargul Abdullaeva, Saadat Sulaimankulova, Chihiro Iwamoto, and Tsutomu Mashimo, Magnetite Nanoparticles Synthesized Using Pulsed Plasma in Liquid, *Japanese Journal of Applied Physics*, Vol. 52, No. 11S, p. 11NJ02, November, 2013, <https://doi.org/10.7567/JJAP.52.11NJ02>
25. Zhypargul Abdullaeva, Emil Omurzak, Chihiro Iwamoto, Hullathy Subban Ganapathy, Saadat Sulaimankulova, Chen Liliang, Tsutomu Mashimo, Onion-like carbon-encapsulated Co, Ni, and Fe magnetic nanoparticles with low cytotoxicity synthesized by a pulsed plasma in a liquid, *Carbon*, Vol. 50, No. 5, pp. 1776-1785, April, 2012, <DOI: 10.1016/j.carbon.2011.12.025>
26. Emil Omurzak, Tsutomu Mashimo, Saadat Sulaimankulova, Shintaro Takebe, Liliang Chen, Zhypargul Abdullaeva, Chihiro Iwamoto, Yidai Oishi, Hirotaka Ihara, Hiroki Okudera, Akira Yoshiasa, Wurtzite-type ZnS nanoparticles by pulsed electric discharge, *Nanotechnology*, Vol. 22, No. 36, pp. 365602-365609, September, 2011, <DOI:10.1088/0957-4484/22/36/365602>

Books (Monographs):

1. Zhypargul Abdullaeva, **Nano-and Biomaterials:** Compounds, Properties, Characterization, and Applications, **ISBN 9783527342709**, Wiley-VCH, 2017, <http://DOI:10.1002/9783527807024>
2. Zhypargul Abdullaeva, **Synthesis of Nanoparticles and Nanomaterials:** Biological Approaches, **ISBN 978-3-319-54074-0**, Springer, New York, 2017, <http://DOI:10.1007/978-3-319-54075-7>
3. Zhypargul Abdullaeva, **Nanomaterials in Daily Life**, **ISBN 978-3-319-57216-1**, Springer,

WORK EXPERIENCE

- 2006-2008 teacher of chemistry and biology, Aga Khan School Osh.
- 2008-2010 Lecturer in Biochemistry, Department of Basic Disciplines and Pathology, International Higher School of Medicine, Bishkek.
- 2010-2013 doctoral student (Ph.D) at the Institute of Plasma Sciences, Kumamoto University, Japan.
- 2013-2014 postdoctoral and internship program HUREC, Kumamoto University, Japan.
- 2014 - 2015 researcher at the Plasma Science Laboratory, Kumamoto University, Japan.
- 2015 - 2017 Professor at the Faculty of Materials Science and Engineering, Kumamoto University, Japan.

LANGUAGE KNOWLEDGE: SPECIFY COMPETENCES ON A SCALE FROM 1 TO 5 (1 - EXCELLENT KNOWLEDGE, 5 - KNOWLEDGE OF THE BASICS)

Language	Reading	Speaking	Writing
Kyrgyz	1	1	1
Russian	1	1	1
English	1	2	2

ADDITIONAL INFORMATION

Academic degree/other scientific or professional titles

2013 Ph.D in New Frontier Sciences, Kumamoto University, Japan

Memberships

Personal abilities and skills

Computer skills

1. Academic degree:
 - 1) Ph.D in Modern Science and Technology, Japan from May 25, 2013 Kumamoto University
 - 2) Candidate of Chemical Sciences, Bishkek, nostrification of the Higher Attestation Commission dated 06/30/2020 Diploma No. 5 pk3/3
- Passport series AN, No. 4308416, issued on 10/05/2015, MCC 50-34
2. Certificate of social protection: 10306198400808
3. Marital status: married, mother of three children