



Curriculum vitae
Europass



Personal Information

Name/surname	HAGIU BOGDAN-ALEXANDRU		
Didactic title	Associate Professor		
Adress	Toma Cozma Street, no. 3, Iași, Romania. Code 700554		
phone	0232-201132	Mobile:	728086749
E-mail	bogdan_hagiu@yahoo.com		
citizenship	romanian		
Place and date of birth	Iași, 28.10.1969		
Present workplace	"Al.I.Cuza" University, Iași, Faculty of Physical Education and Sport		
Professional experience	- 2008 - present, associate professor at the Faculty of Physical Education and Sport, "Alexandru Ioan Cuza" University, Iasi - 2003 - 2008 - lecturer, Faculty of Veterinary Medicine, University of Agronomy and Veterinary Medicine, Iasi - 1998 - 2003 - Assistant Professor, Faculty of Veterinary Medicine, University of Agronomy and Veterinary Medicine, Iasi - 1996-1998 - preparator, Faculty of Veterinary Medicine, University of Agronomy and Veterinary Medicine, Iasi 1995-1996 - suplinitor preparator, Faculty of Veterinary Medicine, University Agronomy and Veterinary Medicine, Iasi		

Education and formation	-2011 - Magister degree in Health Sciences, Masters 'Bioengineering of rehabilitation', University of Medicine and Pharmacy "Gr. T. Popa", Iași -2003 - The title of doctor of medicine, University of Medicine and Pharmacy "Gr. T. Popa", doctoral thesis entitled "Phyllo and ontogenetic development and functional structure of the diaphragm " - 1998 - Graduation certificate - course - 401 U program - IBM-PC compatible computer use in informatics - 1995 - Certificate of graduation, pedagogical seminary at the University of Medicine and Pharmacy "Gr. T. Popa", Iași -1995 - Bachelor Degree, Faculty of Medicine, University of Medicine and Pharmacy "Gr. T. Popa", Iași - 1988 - Baccalaureate degree, High School "Emil Racovita", Iasi			
Foreign languages	English, French			
Auto evaluation		Reading	Writing	Conversation
language 1		3	5	4
language 2		3	4	3
	<i>1 - minimum; 5 - advanced</i>			



Professional skills	- taught courses: Physiology, Pathophysiology and semiology elements in physical therapy, Elements of Pharmacology and pain therapy, General physiology and physiology of physical effort, Physical therapy in obstetrics and gynecology, Physical therapy in cardiorespiratory disorders - member within national research projects (4), from 2005 to present - supervisor of graduation papers, dissertation papers of students at Student Scientific Session - member in admission committee - Lead Guest Editor - <u>International Journal of Biomedical Engineering and Clinical Science</u> (ISSN Online 2472-1301), (december 2021- may 2022) http://www.ijbecs.org/si/index/345002 - editorial board member: <u>International Journal of Pharmacy and Chemistry</u> , http://www.ijphmchem.org/editorialboard - editorial team member: Journal of Athletic Performance and Nutrition https://www.journalapn.com/index.php/ojs/about/editorialTeam
Organisational skills and competences	- supervisor of students (year of study) - specialization kinesiology and special motricity) - students practice coordinator - tutor, master Kinetotherapy in sports traumatology



Other skills	pecialized skills: Knowledge of the normal functions of devices and systems (musculoskeletal, cardiovascular, respiratory, nervous, endocrine) at rest and effort, as well as physiological limits. Understanding how they are affected in different pathological situations. Knowledge of methods of assessment of people with disabilities. Basic knowledge on the technical and constructive medical devices for the correction or supplementing of body functions. Ability to analyze functional needs, skills and goals of people with disabilities. Ability to develop technical specifications for the devices required for the correction or replacement of a function. Ability to adapt existing medical devices and build simple devices. Ability to appreciate the resources and funding limits and choose the best solutions in this regard. Cognitive skills: - Understanding the need to life long learning - Knowledge of how to use the classic and modern means of scientific documentation. - Knowledge of scientific language used in the field and ability to communicate in written and spoken with members of an interdisciplinary team . - Ability to communicate with people with disabilities. - Understanding the role and social implications of bioengineering of rehabilitation
Scientific research activity	a) Number of published articles: 84 b) Number of publications (courses, books, treatises, etc.): 53 c) Number of scientific research contracts: director for 2 institutional grants, "Alexandru Ioan Cuza" University of Iasi d) Number of patents: 5
Computer skills	PC user (Windows, Internet, MS Office)
Driving license	B Category

COMPLETE LIST OF WORKS

Associate Professor Hagi Bogdan-Alexandru

a)

PhD Thesis

Hagi, Bogdan-Alexandru, 2003. *Phylo-ontogenetic Evolution and Functional Structure of the Diaphragm (Evoluția filo-ontogenetică și structura funcțională a diafragmului).*

"Grigore T. Popa" University of Medicine and Pharmacy, Iași, 179 pages. Ministry of Education and Research Order (Series C No. 0005619), No. 5663 / December 15, 2003.

Master's Dissertation

Hagiu, Bogdan-Alexandru, 2011. *Regenerative Effects of Silver Nanoparticles (Efectele regenerative ale nanoparticulelor de argint)*. "Grigore T. Popa" University of Medicine and Pharmacy, Iași, 51 pages.

b) Patents

1. **Hagiu, B.A.**, Tura, V., Bălău-Mîndru, T., Sandu, I., Bălău-Mîndru, I., Sandu, A.V.
Composite plaster for the regeneration of pilary teguments comprises dispersion of biologically active silver particles, RO Patent 125083 (B1), November 30, 2011.
2. **Hagiu, B.A.**, Sandu, A.V., Tura, V., Sandu, I.G., Mungiu, O.C., Sandu, I.
Powder Having Hemostatic, Antiseptic, Wound-Healing and Regenerative Capacities, RO Patent 126087 (B1), November 30, 2011.
3. **Hagiu, B.A.**, Sandu, I., Lupașcu, T., Vasilache, V., Tura, V., Mangalagiu, I., Sandu, A.V.,
Gonciar, V.
Process for Obtaining an Injectable Oil-Based Silver Nanodispersion, MD Patent 4106,
November 30, 2011.
4. **Hagiu, B.A.**, Sandu, A.V., Lupașcu, T., Chirazi, M., Mangalagiu, I., Sandu, I., Ciobanu,
M., Vasilache, V.
Powder with Hemostatic and Regenerative Properties (Variants) and Process for the Production Thereof, MD Patent 4117(13)B1 / December 10, 2010 (AGEPI File a 2010 0134 / 2010.12.03). Owner: Institute of Chemistry, Academy of Sciences of Moldova, Chișinău.
5. **Hagiu, B.A.**, Sandu, I., Vasilache, V., Tura, V., Mangalagiu, I., Mungiu, O.C., Filote, C.,
Sandu, A.V.
Process for Obtaining an Oil-Based Nanodispersion with Regenerative Capacity (Procedeu de obținere a unei nanodispersii uleioase cu capacitate regenerativă), RO Patent 127723 (B1), March 2016.



c) Books and Book Chapters

1. **Hagiu, Bogdan-Alexandru** (2005). *Pharmacology (Farmacologie)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (120 pages).
2. **Hagiu, Bogdan-Alexandru** (2005). *Pathophysiological Bases and Laboratory Diagnosis of Nutritional and Metabolic Diseases (Bazele fiziopatologice și diagnosticul de laborator al bolilor nutriționale și metabolice)*. *Tehnopress, Iași*. ISBN 973-702-106-1 (121 pages).
3. **Hagiu, Bogdan-Alexandru** (2006). *Physiology–Metabolism and Motor Function (Fiziologie-metabolism și motricitate)*. *PIM Publishing House, Iași*. ISBN 978-973-716-457-5 (142 pages).
4. **Hagiu, Bogdan-Alexandru** (2006). *The Diaphragm – Phylo-ontogenetic Development and Morphofunctionality (Diafragmul – dezvoltare filoontogenetică și morfofuncționalitate)*. *PIM Publishing House, Iași*. ISBN 978-973-716-432-2 (150 pages).
5. **Hagiu, Bogdan-Alexandru** (2006). “Medical Applications of Silver and Silver-Based Materials,” in Ciobanu, C. & Konesag, C. (Eds.), *Sustainable Composite Materials for Improving Quality of Life*. *PIM Publishing House, Iași*, pp.122–145. ISBN 973-716-385-0.
6. **Ciobanu, Constantin, et al.** including Hagiu, B.A. (2007). “Polyurethane Composites with Silver Nanoparticles,” in Ciobanu, C. & Konesag, C. (Eds.), *Polymer Composites and Nanocomposites*. *PIM Publishing House, Iași*, pp. 40–94. ISBN 978-973-716-779-8.
7. **Hagiu, Bogdan-Alexandru** (2008). “Kinesitherapy for Pregnant and Postpartum Women in Fitness Studios and at Home,” in Balteanu, V., et al., *Methodological–Practical Aspects of Home-based Kinesitherapy*. *PIM Publishing House, Iași*, pp. 57–84. ISBN 978-606-520-165-1.
8. **Tofoleanu, Florentina, et al.** including Hagiu, B.A. (2009). “Electrospun Gelatin Nanofibers Functionalized with Silver Nanoparticles,” in A.K. Haghi (Ed.), *Electrospun Nanofibers and Nanotubes: Research Advances*, ch. 13, *Nova Science Publishers, New York*, pp. 229–238. ISBN 978-1-60741-834-4.



9. **Hagiu, B.A.** (2009). *General Physiology (Fiziologie generală)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (148 pages).
10. **Hagiu, Bogdan-Alexandru** (2010). *Pathological Physiology (Fiziologie patologică)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (91 pages).
11. **Hagiu, B.-A.** (2012). *Motor Function – A Physio-pharmacological Approach (Motricitatea – o abordare fiziofarmacologică)*. *PIM Publishing House, Iași*. ISBN 978-606-13-0708-1 (128 pages).
12. **Hagiu, B.-A.** (2012). *Pain Therapy*, coursebook (**Terapia durerii**). *Al. I. Cuza University Publishing House, Iași* (78 pages).
13. **Hagiu, B.-A.** (2013). *Pain Therapy*. *PIM Publishing House, Iași*. ISBN 978-606-13-1303-7 (87 pages).
14. **Hagiu, B.-A.** (2014). *Physiology and Ergophysiology of Physical Activities (Fiziologia și ergofiziologia activităților fizice)*. *Al. I. Cuza University Publishing House, Iași*. ISBN 978-606-714-003-3 (264 pages).
15. **Hagiu, B.-A.** (2014). *Elements of Pathophysiology and Semiotics in Kinesitherapy (Elemente de fiziopatologie și semiologie în kinetoterapie)*. *Al. I. Cuza University Publishing House, Iași*. ISBN 978-973-703-998-9 (182 pages).
16. **Hagiu, B.-A.** (2014). *Kinesitherapy in Cardiovascular Diseases*, coursebook. *Al. I. Cuza University Publishing House, Iași* (79 pages).
17. **Hagiu, B.-A.** (2014). *Pharmacology*. *PIM Publishing House, Iași*. ISBN 978-606-13-2077-6 (87 pages).
18. **Hagiu, B.-A.** (2015). *Kinesitherapy in Cardiovascular Diseases*. *Lambert Academic Publishing* (68 pages).
19. **Hagiu, B.-A.** (2015). *Physical Therapy in Respiratory Diseases*. *Lambert Academic Publishing* (72 pages).
20. **Hagiu, B.-A.** (2016). *Kinesitherapy of Respiratory Conditions (Kinetoterapia afecțiunilor respiratorii)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (72 pages).
21. **Hagiu, B.-A.** (2016). *Diseases and Aging (Bolile și îmbătrânirea)*. *Al. I. Cuza University Publishing House, Iași*. ISBNs 978-606-714-314-0; 978-606-714-262-4 (127 pages).



22. **Hagiu, B.-A.** (2016). *Kinesitherapy in Obstetrics and Gynecology (Kinetoterapia în obstetrică și ginecologie)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (73 pages).
23. **Hagiu, B.-A.** (2017). *Reflections on Pain Perception (Considerații asupra percepției durerii)*. *Al. I. Cuza University Publishing House, Iași* (147 pages).
24. **Hagiu, B.-A.** (2017). *Elements of Pharmacology and Pain Therapy (Elemente de farmacologie și terapia durerii)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (140 pages).
25. **Hagiu, B.-A.** (2017). *Kinesitherapy in Obstetrics and Gynecology*. *PIM Publishing House*. ISBN 978-606-13-4121-4 (81 pages).
26. **Hagiu, B.-A.** (2018). *Simultaneous Therapy of Mental and Physical Pain (Terapia simultană a durerilor mentale și fizice)*. *Al. I. Cuza University Publishing House, Iași*. ISBN 978-606-714-447-5 (168 pages).
27. **Hagiu, B.-A.** (2018). *Kinesitherapy in Obstetrics and Gynecology (French: Kinésothérapie en obstétrique et gynécologie)*. *PIM Publishing House*. ISBN 978-606-13-4028-6 (88 pages).
28. **Hagiu, B.-A.** (2019). *Kinetoprophylaxis*, coursebook. *Al. I. Cuza University Publishing House, Iași* (86 pages).
29. **Hagiu, B.-A.** (2018). *Kinesitherapy in Cardio-respiratory Diseases (Kinetoterapia în afecțiuni cardio-respiratorii)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (140 pages).
30. **Hagiu, B.-A.** (2019). *Pharmacological Influences on Muscular Adaptation to Exercise (Influențe farmacologice asupra adaptării musculare la efort)*. *Al. I. Cuza University Publishing House, Iași*. ISBN 978-606-714-518-2 (116 pages).
31. **Hagiu, B.-A.** (2019). *Kinetoprophylaxy*. *Lambert Academic Publishing*. ISBN 978-620-0-43732-7 (84 pages).
32. **Hagiu, B.-A.** (2020). *Pathophysiology of Orthopedic–Traumatic Conditions (Fiziopatologia afecțiunilor ortopedico-traumatice)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (79 pages).



33. **Hagiu, Bogdan-Alexandru** (2020). *Kinetoprofilaxia. Novas Edições Acadêmicas*, ISBN-13: 978-620-0-79526-7, ISBN-10: 6200795267, 92 pages. [Portuguese edition]
<https://www.morebooks.shop/store/us/book/kinetoprofilaxia/isbn/978-620-0-79526-7>
34. **Hagiu, Bogdan-Alexandru** (2020). *Kinetoprofilaktyka. LAP Lambert Academic Publishing / Wydawnictwo Bezkresy Wiedzy*, ISBN-13: 978-620-0-81412-8, ISBN-10: 6200814120, 92 pages. [Polish edition]
<https://www.morebooks.shop/store/us/book/kinetoprofilaktyka/isbn/978-620-0-81412-8>
35. **Hagiu, Bogdan-Alexandru** (2020). *Kinetoprofylaxe. AV Akademikerverlag*, ISBN-13: 978-620-0-66551-5, ISBN-10: 6200665515, 96 pages. [German edition]
<https://www.morebooks.shop/store/us/book/kinetoprofylaxe/isbn/978-620-0-66551-5>
36. **Hagiu, Bogdan-Alexandru** (2020). *Cinetiprofilassi. Edizioni Accademiche Italiani*, ISBN-13: 978-620-0-83256-6, ISBN-10: 6200832560, 92 pages. [Italian edition]
<https://www.morebooks.shop/store/us/book/cinetiprofilassi/isbn/978-620-0-83256-6>
37. **Hagiu, Bogdan-Alexandru** (2020). *Kinetoprofylaxe. GlobeEdit*, ISBN-13: 978-620-0-60144-5, ISBN-10: 6200601445, 96 pages. [Dutch edition]
<https://www.morebooks.de/store/gb/book/kinetoprofylaxe/isbn/978-620-0-60144-5>
38. **Hagiu, Bogdan-Alexandru** (2020). *Kinétoprofylaxe. Éditions Universitaires Européennes*, ISBN-13: 978-613-9-56460-6, ISBN-10: 6139564603, 96 pages. [French edition]
<https://www.morebooks.de/store/gb/book/kin%C3%A9toprofylaxe/isbn/978-613-9-56460-6>
39. **Hagiu, Bogdan-Alexandru** (2020). *Cineprofilaxia. Editorial Académica Española*, ISBN-13: 978-620-0-39018-9, ISBN-10: 6200390185, 96 pages. [Spanish edition]
<https://www.morebooks.de/store/gb/book/cineprofilaxia/isbn/978-620-0-39018-9>
40. **Hagiu, B.-A.** (2020). *Physiological and Pharmacogenetic Bases of Physical Effort and Massage (Bazele fiziologice și farmacogenetice ale efortului fizic și masajului)*. Risoprint Publishing, Cluj-Napoca. ISBN 978-973-53-2491-9 (124 pages).
41. **Hagiu, B.-A.** (2020). *Physiology (Fiziologie)*, coursebook. Al. I. Cuza University Publishing House, Iași (277 pages).



42. **Hagiu, B.-A.** (2020). *Semiology (Semiologie)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (200 pages).
43. **Hagiu, B.-A.** (2021). *Elements of Pain Therapy in Sports Traumatology (Elemente de terapie a durerii în traumatologia sportivă)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (127 pages).
44. **Hagiu, B.-A.** (2021). "Stimulating Mitochondrial Biogenesis through Exercise – a Viable Way to Prevent Severe Forms of COVID-19?" *Technological Innovation in Pharmaceutical Research*, Vol. 3, pp. 9–13. BP International. DOI: 10.9734/BPI/TIPR/V3/2494E (May 12, 2021).
45. **Hagiu, B.-A.** (2021). *Pathophysiology of Orthopedic-Traumatic Diseases*. Lambert Academic Publishing (68 pages).
46. **Hagiu, B.-A.** (2021). *Pathophysiology: Elements for Kinesiotherapists (Fiziopatologie: elemente pentru kinetoterapeuți)*. Risoprint Publishing, Cluj-Napoca. (100 pages).
47. **Hagiu, B.-A.** (2022). *Physiology and Ergophysiology in Sports Traumatology (Fiziologia și ergofiziologia în traumatologia sportivă)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (109 pages).
48. **Hagiu, B.-A.** (2022). *Pathophysiological Foundations of Kinesitherapy in Cardio-respiratory Diseases (Bazele fiziopatologice ale kinetoterapiei bolilor cardio-respiratorii)*. Risoprint Publishing, Cluj-Napoca. ISBN 978-973-53-2871-9 (108 pages).
49. **Hagiu, B.-A.** (2023). *Elements of Anatomy and Biomechanics of the Musculoskeletal System (Elemente de anatomie și biomecanica aparatului locomotor)*, coursebook. *Al. I. Cuza University Publishing House, Iași* (108 pages).
50. **Hagiu, B.-A.** (2023). *Pathophysiology and Pathological Anatomy in the Elderly: Elements for Kinesiotherapists (Fiziopatologia și anatomia patologică la vârstnic: elemente pentru kinetoterapeuți)*. Risoprint Publishing, Cluj-Napoca.
51. **Hagiu, B.-A.** (2023). *Anatomy*, coursebook. Risoprint Publishing, Cluj-Napoca. ISBN 978-973-53-3173-3 (139 pages).
52. **Hagiu, B.-A.** (2024). *Biomechanics*, coursebook. Risoprint Publishing, Cluj-Napoca. ISBN 978-973-53-3187-0 (116 pages).



53. Hagi, B.-A. (2025). *Nutrition Concepts in Fitness (Noțiuni de nutriție în fitness)*, coursebook. Risoprint Publishing, Cluj-Napoca. ISBN 978-973-53-3347-8 (93 pages).

d) ISI or ISI Proceedings Papers

1. Tofoleanu F., Balau-Mandru T., Branza F., Sulitanu N., Sandu I.G., Raileanu D., Floristean V., Hagi B.A., Ionescu C., Sandu I., Tura V. (2008). *Electrospun gelatin nanofibers functionalized with silver nanoparticles*. Journal of Optoelectronics and Advanced Materials, 10(12), 3512–3516. ISSN 1454-4164.
2. Tura V., Hagi B.A., Mangalagiu I.I. (2010). *Hair follicles stimulation effects of gelatin nanofibers containing silver nanoparticles*. Journal of Biomedical Nanotechnology, 6(2), 192–197. ISSN 1550-7033.
3. Prepelita I.R., Vrinceanu N., Chirita R., Dobrin R.P., Alexinschi O.E., Brinza F., Hagi B.A., Suche M.P. (2013). *New approach on the role of a polymer matrix in the strong texturation of ZnO nanopowders*. Revue Roumaine de Chimie, 58(11–12), 871–878. ISSN 0035-3930.
4. Hagi B.A., Vrinceanu N., Postolache P. (2015). *The hypothesis regarding the regenerative action of silver nanoparticles*. In: E-Health and Bioengineering Conference (EHB), IEEE Proceedings, 1–4. DOI: [10.1109/EHB.2015.7391524](https://doi.org/10.1109/EHB.2015.7391524). [ISI Proceedings]
5. Hagi B.-A. (2020). *The Relationship between Exercise and Medication in Preventing Severe Forms of COVID-19 Infection*. Journal of Pharmaceutical Research International, 32(14), 164–167. DOI <https://doi.org/10.9734/jpri/2020/v32i1430616>
6. Hagi B.-A. (2020). *Vasodilators, Enhancers of Prevention through Exercise of COVID-19?* Journal of Pharmaceutical Research International, 32(34), 126–131. [Link https://www.journaljpri.com/index.php/JPRI/article/view/30972](https://www.journaljpri.com/index.php/JPRI/article/view/30972)
7. Hagi B.-A. (2021). *Genetic Arguments for the Prevention of Severe Forms of COVID-19 through Moderate-Intensity Exercise*. Journal of Pharmaceutical Research International, 32(45), 23–29. DOI <https://doi.org/10.9734/jpri/2020/v32i4531089>
8. Hagi B.-A. (2021). *Moderate exercise may prevent the development of severe forms of COVID-19, whereas high-intensity exercise may result in the opposite*. Medical Hypotheses, 157, 110705. ISSN 0306-9877. DOI <https://www.sciencedirect.com/science/article/pii/S0306987721002243?via%3Dihub>



9. Hagi B.-A. (2024). *Can hydrogen prevent stress fractures in athletes?* Medical Hypotheses, 191, 111461. ISSN 0306-9877. DOI <https://www.sciencedirect.com/science/article/pii/S0306987724002044?via%3Dihub>
10. Hagi B.-A. (2024). *Can SLU-PP-332 be a new drug to prevent COVID-19?* Medical Hypotheses, 187, 111362. DOI <https://www.sciencedirect.com/science/article/pii/S0306987724001051?via%3Dihub>
11. Hagi B.-A. (2024). *Can whole body vibration enhance chemotherapy?* Medical Hypotheses, 189, 111409. DOI <https://www.sciencedirect.com/science/article/pii/S030698772400152X?via%3Dihub>
12. Hagi B.-A. (2025). *Physical exercises can alleviate harmine toxicity in the case of oncological treatments.* Medical Hypotheses, 196, 111579. DOI <https://www.sciencedirect.com/science/article/abs/pii/S0306987725000180?via%3Dihub>
13. Hagi B.-A. (2025). *Some drugs can make the prevention of atherosclerosis through physical exercises more efficient.* Medical Hypotheses, 196, 111574. DOI <https://www.sciencedirect.com/science/article/abs/pii/S0306987725000131?via%3Dihub>
14. Hagi B.-A. (2025). *Can human metapneumovirus infection be prevented by exercise?* Medical Hypotheses, 196, 111575. [DOI pending]
15. Hagi B.-A. (2025). *Can physical exercise and its mimetics enhance mitochondrial transfusion for Parkinson's disease therapy?* Medical Hypotheses, 196, 111697. DOI <https://www.sciencedirect.com/science/article/abs/pii/S0306987725001367?via%3Dihub>

e) Articles/Studies Published in Internationally Recognized Specialty Journals or in CNCSIS-Recognized National Journals

1. Hagi B.A., Marcu E., Condrea M., 1999, *Observations regarding circadian biorhythms of some hematological constants in the white mouse (Observații privind bioritmurile circadiene ale unor constante hematologice la șoarecele alb)*, Scientific Papers of U.A.M.V. Iași, Vol. 42, ISSN 1454-7406, pp. 150-152.



2. Hagi R., Constantinescu A., Hagi B.A., 2001, *Considerations on the phenomenon of mirror writing (Considerații privind fenomenul scrierii "în oglindă")*, *Neurologia Medico-Chirurgicală*, Vol. VI, No. 2, pp. 19-23.
3. Hagi B.A., Fântânu M., Burtan L.C., Maria Sultana Mihailovici, Elena-Doina Murarescu, Melnig V., Țura V., 2003, *In vivo intradermic study of cell adhesion to ion-implanted polyurethanes (Studiu in vivo intradermic al aderenței celulare pe poliuretan implantat cu ioni)*, *Scientific Papers*, Vol. 46 (5), Veterinary Medicine series, ISSN 1454-7406, pp. 83-88.
4. Hagi B.A., Maria Sultana Mihailovici, Plămădeală P., Melnig V., Tura V., 2004, *Aspects regarding polyurethane biocompatibility (Aspecte privind biocompatibilitatea poliuretanului)*, *Scientific Papers*, Vol. 47 (6), Veterinary Medicine series, ISSN 1454-7406, pp. 111-116.
5. Hagi B.A., Bălțeanu V., Clim C., 2004, *Correlations between vital capacity and some anthropometric indices in athletes (Corelații între capacitatea vitală și unii indici antropometrici la sportivi)*, *Journal of Physical Education, Sport and Related Sciences "Sport și Societate"*, New Series, No. 2/2004, Iași, ISSN 1582-2168, pp. 14-18.
6. Hagi B.A., 2005, *Drug protection of the diaphragm subjected to oxidative stress (Protecția medicamentoasă a diafragmului supus stresului oxidativ)*, *Sport și Societate*, No. 2, ISSN 1582-2168, pp. 60-61.
7. Hagi B.A., Solcan C., Floristean V., Nastasa V., Ciobanu C., Tura V., 2007, *The biocompatibility and regenerative properties of polyurethaneurea doped with silver nanoparticles (Biocompatibilitatea și proprietățile regenerative ale poliuretanureei dopate cu nanoparticule de argint)*, *"Progress and Perspectives in Veterinary Medicine" – Scientific Papers*, Vol. 50 (9), ISSN 1454-7406, pp. 61-64.
8. Floristean V., Tura V., Hagi B.A., Mares M., Ciobanu C., 2007, *In vitro assessment of antibacterial effect of silver nanoparticles (Evaluarea in vitro a efectului antibacterian al nanoparticulelor de argint)*, *"Progress and Perspectives in Veterinary Medicine" – Scientific Papers*, Vol. 50 (9), ISSN 1454-7406, pp. 568-572.



9. Hagi B.A., Clim C., Bălceanu V., Zaharia C., Pop M., 2007, *Statistical study regarding the influence of sports games on diastolic blood pressure in young people (Studiul statistic privind influența jocurilor sportive asupra tensiunii arteriale diastolice la tineri)*, *Sport și Societate*, No. 2, ISSN 1582-2168, pp. 19-22.

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PROJECTS

Project Director – Prophylaxis and recovery from severe forms of COVID-19 through physical exercise (approved by the BECA of Alexandru Ioan Cuza University of Iași, 17.03.2021)

Project Director – Prophylaxis of obesity, as a risk factor for severe forms of COVID-19, through moderate-intensity endurance exercises (approved by the BECA of Alexandru Ioan Cuza University of Iași, 8.09.2021)

