



Formular për punën shkencore të realizuar Формулар за реализирана научна работа Form for realized Scientific Work

Formulari i nënshkruar dhe me email duhet ti dorezohet Dekanit dhe ai e dorezon te pro-rektori për shkencë
Формуларот пополнет и потпишан преку емаил треба се достави до деканот а тој до проректорот за наука.
The form should be delivered signed hard copy and emailed to the Dean of Faculty and he to Vice Rector for Science

Emri Mbiemri (dhe Nënshkrimi) Име Презиме (и Потпис)	Arita Sabriu Haxhijaha
Titulli akademik (data dhe viti kur eshte marur) Наставно-научно звање (датум и год кога е добиена)	Asistent doktorant (UNT, 01.11.2016)
Drejtimi / Fakulteti Смер / Факултет	Fakulteti I shkencave teknologjike
Fusha e punimeve shkencore (Frascati) Области на трудовите (Frascati)	10201; 10703; 10800 (Biokimi), 40707; 10211 (Biologji molekulare), 40728 (Higjiena dhe teknologjia e produkteve dhe lendeve te para te origjines shtazore), 40734 (tjeter)

Published Research in the past 5 years (List all papers under proper time category starting with most recent)
Hulumtimi i Publikuar ne 5 vitet e fundit (Listoi te gjitha punimet me renditje kohore, duke filluar nga i fundit)
Публикувани трудови во последните 5 години (Излистај ги сите по хронолошки аспект почнувајќи од последната)

CONFERENCES - Konferencat – Конференции

Local Conference (2015-2020)		
1	Reference	Arita Sabriu Haxhijaha “Презентација на резултати од истражувањето на загаденоста на воздухот, водата и почвата во Република Македонија со примена на нови методи”, “Mother Teresa” University ,27 September 2018, Skopje
	Link published	http://unt.edu.mk/sq/2018/09/27/projekt-hulumtimi-dhe-zhvillimi-i-metodave-per-percaktim-te-substancave-ndotese-te-ajrit-ujit-dhe-tokes/
2	Reference	Arita Sabriu Haxhijaha “Нови методи во истражувањето на степенот на загаденоста на воздухот, водата и почвата во Република Македонија”, “Mother Teresa” University ,12 September 2018, Skopje
	Link published	http://unt.edu.mk/sq/2018/09/27/projekt-hulumtimi-dhe-zhvillimi-i-metodave-per-percaktim-te-substancave-ndotese-te-ajrit-ujit-dhe-tokes/
3	Reference	Arita Sabriu Haxhijaha - Faculty of technological studies. “Curriculum development for vocational studies. State of play, needs and vision.” “Mother Teresa” University , 12-15 June, 2018, Skopje
	Link published	http://unt.edu.mk/sq/2018/06/12/akademiket-austriak-mbeshtesin-unt-ne/

National Conference (2015-2020)		
1	Reference	
	Link published	

International Conference (2015-2020)		
1	Reference	Arita Sabriu- Haxhijaha , Zimere Saiti-Musliji, Zana Mustafa, Olga Popovska, Aziz Pollozhani. A sustainable UV-Vis spectrophotometric method for fluoride determination. 3 rd Toward Sustainable Development Conference. Skopje, 25 October 2019, p.
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2020/02/TSD-ABSTRACT-2019.pdf
2	Reference	Arita Sabriu – Haxhijaha , Olga Popovska, Zana Mustafa. Thin-layer chromatography analysis of <i>Nigella sativa</i> L. essential oil. Congress on Food Quality and Safety, Health and Nutrition – NUTRICON 2019, 12-14 June 2019, Ohrid, Macedonia
	Link published	Book of abstracts. Food Quality and Safety, Health and Nutrition Congress. ISBN 978-608-4565-13-0, p.83
3	Reference	Arita Sabriu – Haxhijaha . HACCP implementation, maintenance and modification (according Codex Alimentarius) – training and exam. Consulting&Training Center, 10-12 June,2019, Ohrid, Macedonia
	Link published	Certificate for successful completion of training and exam
4	Reference	Zoran T. Popovski, Olga Popovska, Sani Demiri, Zimere Saiti-Musliji, Daniela Dimovska, Arita Sabriu-Haxhijaha , Azis Pollozhani . Strengthening of biotechnological education in Macedonia as an important development component. 2 nd Toward Sustainable Development Conference. Skopje, 3 November 2018, p.15
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
5	Reference	Sani Demiri, Olga Popovska, Arita Sabriu -Hadijaha , Zoran T. Popovski, Elizabeta Miskoska-Milevska, Monika Lutovska, Azis Pollozhani. Development of new techniques for estimation of air, water and soil quality in the Republic of Macedonia. 2 nd Toward Sustainable Development Conference. Skopje, 3 November 2018, p.61
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
6	Reference	Arita Sabriu – Haxhijaha , Olga Popovska, Zana Mustafa. Phytochemical screening of antioxidative compounds and reductive ability of <i>Nigella sativa</i> seed extracts. 2 nd Toward Sustainable Development Conference. Skopje, 3 November 2018, p.79
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
7	Reference	Arita Sabriu – Haxhijaha , Velimir Stojkovski, Zehra Hajrulai- Musliu, Dean Jankuloski, Zagorka Popova, Katerina Blagoevska. Comoarative evaluation of the quality of extracted genomic DNA for GMO screening. Joint meeting 5 th International Vet-Istanbul Group & 8 th International Scientific Meeting Days of Veterinary Medicine, 23-27 September, 2018, Ohrid, Macedonia.
	Link published	Book of abstracts p.102
8	Reference	Gjylai Alija, Zehra Hajrullai-Musliu, Arita Sabriu-Haxhijaha . Optimization and validation of the liquid chromatography tandem mass spectrometry (LC- MS/MS) method for residual analysis of amoxicillin and sulfadimidine in milk using liquid-liquid extraction (LLE). 2 nd International Scientific Conference of the Faculty of Medical Sciences , 13-14 October, 2017, Tetova, Macedonia
	Link published	http://eprints.ugd.edu.mk/18401/4/Sodrzina.pdf
9	Reference	Arita Sabriu – Haxhijaha , Velimir Stojkovski, Katerina Blagoevska, Dean Jankuloski. Assesment of commercial screening real-time PCR assay for GMO detection targeting 35S, FMV promoters and NOS terminator. 7 th International scientific meeting -Days of

		veterinary medicine. 22-24 September, 2016, Struga, Macedonia
	Link published	Book of abstracts p.86
10		Gorica Popova, Dean Jankulovski, Lazo Pendovski, Zehra Hajrulai-Musliu, Arita Sabriu , Katerina Blagoevska. Pulsed-field gel electrophoresis used for epidemiological study of extended spectrum β lactamases – producing <i>Escherichia coli</i> colonizing respiratory tract in children. 6 th International Scientific Meeting – Days of veterinary medicine, 24-26 September, 2015, Struga, Macedonia
		Mac Vet Rev 2015; Volume 38; Supplement 1, p.49-50

JOURNALS

Local Journal (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

National Journal (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

International Journal (2015-2020)

1	Reference	Arita Sabriu – Haxhijaha , Olga Popovska, Zana Mustafa (2020). Thin-layer chromatography analysis of <i>Nigella sativa</i> L. essential oil. <i>Journal of Hygienic Engineering and Design</i> . Vol.31 (accepted to be published on June, 2020. Attached the acceptance letter from the editor-in-chief.)
	Link published	Link of journal http://www.jhed.mk/categories/view/405
2	Reference	Arita Sabriu - Haxhijaha , Gordana Ilievska, Velimir Stojkovski, Katerina Blagoevska (2020). A modified SDS-based method applied for extraction of high-quality DNA from row corn and roasted soybean. <i>Macedonian Veterinary Review</i> 43(1): 61-67
	Link published	https://macvetrev.mk/LoadAbstract?DOI=10.2478_macvetrev_2020_0017
3	Reference	Zimere S. Musliji, Tatyana V. Konovalova, Arita S. Hadzijaha , Marija Terzic, Aleksandar Aceski, Aleksandar Tufekchievski, Zoran T. Popovski (2019). Optimisation of PCR conditions for molecular characterization of a group of 'sports and obesity genes'. <i>Research in physical education, sport and health</i> . 9 (2):65-67
	Link published	http://www.pesh.mk/PDF/Vol_8_No_2/12.pdf
4	Reference	Sani Demiri, Olga Popovska, Arita Sabriu Haxhijaha , Elizabeta Miskoska-Milevska, Monika Lutovska, Aziz Pollozhani, Zoran T. Popovski (2018). Development of new techniques for estimation of air, water and soil quality in the Republic of Macedonia. <i>South East European Journal of Sustainable Development</i> . 2: 43-50
	Link published	https://seejsd.unt.edu.mk/wp-content/uploads/2019/05/SEEJSD-Vol-3-2019-finale-I-1.pdf
5	Reference	Vesna Smiljevska – Ristovska, Jasmina Dimitrova-Shumkovska, Arita Sabriu , Marieta Shtakleva (2015). Effect of different doses and time of exposure of xenobiotic chemical on oxidative stress parameters in kidney. <i>Biol.Macedonica</i> . 64: 42-54

	Link published	Biologia Macedonica ISSN: 1875-5277, p.42-54
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International Journal with Impact Factor ISI Web of Science – Clarivate analytics (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

Studies and monographs (Local, National, International publication house) (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

Books (Local, National, International publication house) (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

Projects (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

* - International Conference or Journal is considered the one that has at least 50% international members in the editorial board.

Arita Sabriu Haxhijaha


PERSONAL INFORMATION

Arita Sabriu Haxhijaha



📍 Mirche Acev, nr 4, 1000 Skopje (North Macedonia)

✉ arita.haxhijaha@unt.edu.mk

Sex Female

WORK EXPERIENCE

09/2016–Present

University teaching and research assistant

"Mother Teresa" University - Skopje, Skopje (North Macedonia)

- teaching and research assistant of Biochemistry and Molecular biology in Faculty of Technological sciences - Food technology
- daily time lab activities with students in order to fulfill subject requirements
- creating subject syllabus
- preparing course curricula for new professional study program
- research activities in the field of food safety and methodology of Real Time PCR

02/2019–07/2019

Acting vice dean for education

Faculty of technological sciences , "Mother Teresa" University - Skopje, Skopje (North Macedonia)

09/2009–12/2016

University teaching and research assistant

State University of Tetova, Tetovo (North Macedonia)

- teaching and research assistant of Biochemistry and Clinical biochemistry at Faculty of Medical Sciences, Faculty of Pharmacy and Faculty of Natural Sciences.
- daily time lab activities with students in order to fulfill subject requirements
- creating subject syllabus
- scientific research and mentoring students in preparing under-graduating and master thesis from planning, literature review, lab activities, statistical analysis of data, writing tips

02/2016–06/2016

University teaching and research assistant

University " Ss. Cyril and Methodius" - Skopje, Faculty of natural sciences & mathematics
Teaching and research assistant of Biochemistry

09/2011–07/2013

Biology teacher secondary school

American college " Woodrow Wilson", Tetovo (North Macedonia)

- Head of science department
- Professor of biology in middle and high school
- creating course curriculum for core subjects based on national educational programs combined with international standards
- planning the budget for laboratory experiments and field trips
- organizing science fair with high school students

EDUCATION AND TRAINING

- 2015–Present **PhD candidate in Food safety and quality**
 University " Ss. Cyril and Methodius" - Skopje Faculty of veterinary medicine
 PhD working thesis : " Optimization and validation of Real-time PCR method for analysis of Genetically Modified Organisms"
- 2009–2014 **Master of biological sciences**
 University " Ss. Cyril and Methodius" - Skopje Faculty of natural sciences & mathematics, Department of experimental biochemistry and physiology, Skopje
 Master thesis: " Antioxidative activity of fungal supplements at apolipoprotein E deficient mice (apoE KO^{-/-}) treated with chemical carcinogen"
- 2013 **Requalification for pedagogical-psychological and methodological preparation**
 State University of Tetova Faculty of Philosophy, Program of pedagogy - psychology, Tetovo
- 2002–2008 **Bachelor in Biological science- Physiological-biochemistry**
 University "Ss. Cyril and Methodius" - Skopje Faculty of natural sciences & mathematics, Department of experimental biochemistry and physiology, Skopje
 Thesis: " Evaluation of oxidative stress in the liver of animal model with induced hyperlipidemia "

PERSONAL SKILLS

Mother tongue(s) Albanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Macedonian	C2	C2	C2	C2	C2
English	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages - Self-assessment grid

Communication skills - good communication experience gained through my career as teaching assistant working with students of different ages

Digital skills

	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user					

Digital skills - Self-assessment grid

Familiar with PC software i.e. advance knowledge in Word processing, Spreadsheets, PowerPoint presentations, Microsoft project, Access and Prezi. Capable to use variety of internet tools

ADDITIONAL INFORMATION

Conferences Sani Demiri, Olga Popovska, **Arita Sabriu -Hadjjjaha**, Zoran T. Popovski, Elizabeta Miskoska-Milevska, Monika Lutovska, Azis Pollozhani. Development of new techniques for estimation of air,

water and soil quality in the Republic of Macedonia. 2nd Toward Sustainable Development Conference. Skopje, 3 November 2018

Zoran T. Popovski, Olga Popovska, Sani Demiri, Zimere Saiti-Musliji, Daniela Dimovska, **Arita Sabriu-Haxhijaha**, Azis Pollozhani. Strengthening of biotechnological education in Macedonia as an important development component. 2nd Toward Sustainable Development Conference. Skopje, 3 November 2018

Gjylai Alija, Zehra Hajrulai-Musliu, **Arita Sabriu- Haxhijaha**. Optimization and Validation of the Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) Method for Residues Analysis of Amoxicillin and Sulfadimidin in Milk Using Liquid-Liquid Extraction (LLE). Second international scientific conference of the faculty of medical sciences. 13-14 October, 2017, Tetovo

Gorica Popova, Dean Jankulovski, Lazo Pendovski, Zehra Hajrulai-Musliu, **Arita Sabriu**, Katerina Blagoevska (2015) Pulsed-field gel electrophoresis used for epidemiological study of extended spectrum β lactamases - producing *Escherichia coli* colonizing respiratory tract in children. Mac Vet Rev 2015; 38 (suppl.1), 49

Presentations

Arita Sabriu- Haxhijaha, Zimere Saiti-Musliji, Zana Mustafa, Olga Popovska, Aziz Pollozhani. A sustainable UV-Vis spectrophotometric method for fluoride determination. 3rd Toward Sustainable Development Conference. 25 October 2019, Skopje, R. of North Macedonia

Arita Sabriu – Haxhijaha, Olga Popovska, Zana Mustafa. Thin-layer chromatography analysis of *Nigella sativa* L. essential oil. Congress on Food Quality and Safety, Health and Nutrition – NUTRICON 2019, 12-14 June 2019, Ohrid, R. of North Macedonia

Arita Sabriu – Haxhijaha, Olga Popovska, Zana Mustafa. Phytochemical screening of antioxidative compounds and reductive ability of *Nigella sativa* seed extracts. 2nd Toward Sustainable Development Conference. 3 November 2018, Skopje, Macedonia

Arita Sabriu – Haxhijaha, Velimir Stojkovski, Zehra Hajrulai- Musliu, Dean Jankuloski, Zagorka Popova, Katerina Blagoevska. Comparative evaluation of the quality of extracted genomic DNA for GMO screening. Joint meeting 5th International Vet-Istanbul Group & 8th International Scientific Meeting Days of Veterinary Medicine, 23-27 September, 2018, Ohrid, Macedonia.

Arita Sabriu – Haxhijaha, Velimir Stojkovski, Katerina Blagoevska, Dean Jankuloski. Assessment of commercial screening real-time PCR assay for GMO detection targeting 35S, FMV promoters and NOS terminator. Days of veterinary medicine. 7th International scientific meeting. 22-24 September, 2016, Struga, Macedonia

Dimitrova-Shumkovska, J., Došič-Markovska, B., Štakleva, M., **Sabriu, A.**, Košarkoska, F., Naunovska, E., Guržanova-Dumev, Lj. Oxidative stress in male rats fed a high fat-high cholesterol diet. Involvement of advanced oxidation protein products. Proceeding of the 17-th Meeting of the Balkan Clinical Laboratory Federation & 5-th Macedonian National Congress of Medical Biochemists p.77, September, 2009. Ohrid. Macedonia

Publications

Arita Sabriu – Haxhijaha, Olga Popovska, Zana Mustafa (2020). Thin-layer chromatography analysis of *Nigella sativa* L. essential oil. *Journal of Hygienic Engineering and Design*. Vol.31 (accepted)

Arita Sabriu - Haxhijaha, Gordana Ilievska, Velimir Stojkovski, Katerina Blagoevska (2020). A modified SDS-based method applied for extraction of high-quality DNA from row corn and roasted soybean. *Macedonian Veterinary Review* 43(1): 61-67

Zimere S. Musliji, Tatyana V. Konovalova, **Arita S. Hadzijaha**, Marija Terzic, Aleksandar Aceski, Aleksandar Tufekchievski, Zoran T. Popovski (2019). Optimisation of PCR conditions for molecular

characterization of a group of 'sports and obesity genes'. *Research in physical education, sport and health*. 9 (2):65-67

Sani Demiri, Olga Popovska, **Arita Sabriu Haxhijaha**, Elizabeta Miskoska-Milevska, Monika Lutovska, Aziz Pollozhani, Zoran T. Popovski (2018). Development of new techniques for estimation of air, water and soil quality in the Republic of Macedonia. *South East European Journal of Sustainable Development*. 2: 43-50

Vesna Smiljevska-Ristovska, Jasmina Dimitrova-Shumkovska, **Arita Sabriu**, Marieta Shtakleva (2015) Effect of different doses and time of exposure of xenobiotic chemical on oxidative stress parameters in kidney. *Biol Macedonica* 2014/2015; 64, 42-54

Beadini N, Beadini Sh, Shabani L, **Sabriu A** (2014) Determining the level of cea, ca 19-9 and histopathological analysis as detectors for diagnosis of gastric cancer. *Universi*, vol 1, issues 1, 2014

Albina Ademi, Beqir Ademi, **Arita Sabriu**, Faton Ademi (2011) Psychological factor and socioeconomic status risk factor for acute coronary syndrome in population of Tetovo and vicinity. *Medicus* 2011. Vol XVI (2), 45-49

Projects 2007-2009

Researcher in a project between Faculty of natural sciences & mathematics, University "Ss. Cyril and Methodius" - Skopje and Israel Institute of technology, Technion, Israel " The Peripheral-Type Benzodiazepine Receptors : Carcinogenesis and Steroidogenic production; 18kDa Translocator protein and oxidative stress *in vivo*" Horowitz Research Fund, 2000156, Elias Medical Research Fund, 2009264, Technion, Israel

2007-2008

Researcher in a project between Ministry of education of Republic of Macedonia and Ministry of science and forestry of Republic of Slovenia "Anticarcinogenic and antiatherogenic activity of sporocarp extract from selected taxa, typical for the region of Balcan Peninsula in correlation to the phylogenetic position of source fungi"

Seminars Training for EBSCO Databases and Services, 16 May 2019, Skopje

Training - Introduction to Bio-Rad and Legionella PCR detection. 8 May, 2019, Skopje

Workshop at Joint meeting of 5th International Vet-Istanbul Group Congress & 8th International Scientific Meeting Days of Veterinary Medicine, 23-27 September, 2018.

- Basic course of dentistry- Periodontal disease and dental prophylaxis
- Neurologic examination - let's localize the problem

Twinning project "Developing cooperation between higher education institutions, the private sector and relevant public bodies". Workshop for sharing experiences on evaluation techniques of teaching programs and their application in practice. 22 February, 2017, Skopje

Workshop at the Days of veterinary medicine, 22-24, September, 2016

- Ultrasound diagnosis of abdominal structures in small animals
- Assessment of stage of Oestrous cycle or postpartum-interpreting ultrasound images of the reproductive tract
- Introduction to companion animal gastro-intestinal endoscopy

Training program of observation and monitoring of clinical practices on the framework of Medical

faculty Internship program - Trakya University, Faculty of medicine, Edirne , Turkey, July 2011

Evidence – based practise at German Center for Evidence – based Nursing, Martin – Luther-Universität, Halle Wittenberg, Germany , January 2010

Certifications **Arita Sabriu – Haxhijaha.** HACCP implementation, maintenance and modification (according Codex Alimentarius) – training and exam. Consulting&Training Center, 10-12 June,2019, Ohrid, R. of North Macedonia

Courses Course of bioinformatics. Lectures and practical exercises related to the usage of bioinformatic tools in DNA, RNA and protein analysis. 11-15 November, 2019, Skopje

Honours and awards Scholarships:

- Ministry of Education and Science of the Republic of Macedonia (2003/2004 and 2004/2005)
- Albanian Scholarship Foundation (2005/2006)