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ACADEMIC EDUCATION

- 2013 Ph.D. In Biological Sciences, Faculty of Agriculture and Biology, Department of Microbial Biology, Warsaw University of Life Sciences, Poland. Ph.D. thesis: "Screening for endophytic strains possible to biotechnological use" (Supervisor: Prof. M. Błaszczyk)
- 2010 B.Sc. in Spanish philology, Faculty of Journalism and Political Sciences, University of Communication, Political Sciences and International Relations in Warsaw, Poland. B.Sc. thesis: "La posición y el papel que tiene la comunidad autónoma de Cataluña en la estructura socio-política de España."
- 2006 M.Sc. In Biotechnology, Faculty of Biology, University of Warsaw, Poland. M.Sc. thesis: "Characteristics of *Bacillus subtilis* strain expressing native and modified hemolysin of *Listeria monocytogenes*" (Supervisor: Prof. J. Bielecki)
- 2004 B.Sc. In Biotechnology, Faculty of Biology, University of Warsaw, Poland. M.Sc. thesis: "Enzymatic characteristics of *Listeria monocytogenes* p60 hemolysin" (Supervisor: Prof. J. Bielecki)

PUBLICATIONS

- 2019 **Goryluk-Salmonowicz A.**, Popowska M. 2019. Occurrence of the co-selection phenomenon in non-clinical environments. *Postep Mikrobiol* (accepted in 10.2019) (IF₂₀₁₈ 0.298)
- 2018 **Goryluk-Salmonowicz A.**, Orzeszko-Rywka A., Piórek M., Rekosz-Burlaga H., Otłowska A., Gozdowski D., Błaszczyk M. 2019. Plant growth promoting bacterial endophytes isolated from polish herbal plants. *Acta Sci Pol-Hortoru* 17:101-110 (IF₂₀₁₈ 0.443)
- 2017 Wolińska A., Górniak D., Zielenkiewicz U., **Goryluk-Salmonowicz A.**, Kuźniar A., Stępniewska Z., Błaszczyk M. 2017. Microbial biodiversity in arable soils is affected by agricultural practices. *Int Agrophys* 31: 259-271 (IF₂₀₁₈ 1.227)
- 2016 Rekosz-Burlaga H., Tokarczyk E., Szczepaniak J., **Goryluk-Salmonowicz A.** 2016. Antagonistic activity of plant-associated microorganisms against *Phytophthora infestans*. *Acta Sci Pol-Hortoru* 15: 2-18 (IF₂₀₁₈ 0.443)
- 2016 **Goryluk-Salmonowicz A.**, Piórek M., Rekosz-Burlaga H., Studnicki M., Błaszczyk M. 2016. Endophytic detection in selected European herbal plants. *Pol J Microbiol* 65: 369-375 (IF₂₀₁₈ 0.784)
- 2015 Wolińska A., Rekosz-Burlaga H., **Goryluk-Salmonowicz A.**, Błaszczyk M., Stępniewska Z. 2015. Bacterial abundance and dehydrogenase activity in selected agricultural soils from Lublin region *Pol J Environ Stud* 24: 2677-2682 (IF₂₀₁₈ 1.186)
- 2014 Wolińska A., Szafranek-Nakonieczna A., Banach A., Rekosz-Burlaga H., **Goryluk-Salmonowicz A.**, Błaszczyk M., Stępniewska Z., Górski A. 2014. Biological degradation of agricultural soils from Lublin region (SE Poland). *International Journal of Current Microbiology and Applied Sciences* 3: 558-571
- 2014 Rekosz-Burlaga H., Borys. M., **Goryluk-Salmonowicz A.** Cultivable microorganisms inhabiting the aerial parts of *Hypericum perforatum*, *Acta Sci Pol-Hortoru* 13: 117-129 (IF₂₀₁₈ 0.443)

- 2009 Misiewicz A., Dziełakowska A., **Goryluk A.**, Wróblewska-Kabba S. 2009. Zmienność szczepowa u przemysłowych drożdży piwowskich i winiarskich *Saccharomyces cerevisiae* przy zastosowaniu metody RAPD. *Prace Instytutów i Laboratoriów Badawczych Przemysłu Spożywczego* 64: 43-56 (In Polish)
- 2009 **Goryluk A.**, Rekosz-Burlaga H., Błaszczuk M. 2009. Isolation and characterization of bacterial endophytes of *Chelidonium majus* L. *Pol J Microbiol* 58: 355-361 (IF₂₀₁₈ 0.784)

BOOKS AND POPULAR SCIENCE ARTICLES

- 2018 Wyżewski Z., **Goryluk-Salmonowicz A.**, Gregorczyk K., Mielcarka M., Bossowska-Nowicka M., Marszałik A., Deszcz B., Panek E., Sztandarki P. 2018. Problemy i postępy nauk biologicznych, weterynaryjnych i medycznych. *Hominis mens discendo alitur et cogitando* (Problems and progress in biological, veterinary and medical sciences. *Hominis mens discendo alitur et cogitando*) Krystyna Kruczyńska (Editor) Wydawnictwo Naukowe PWN (In Polish)
- 2018 **Goryluk-Salmonowicz A.** 2018. Niebezpieczne bakterie wielooporne w środowiskach pozaklinicznych (Dangerous multi-drug resistant bacteria in non-clinical environments) *Ekonatura* 3: 25-26 (In Polish)
- 2017 **Goryluk-Salmonowicz A.**, Feiler Z. 2017. Czy w roślinach tętni drugie życie? (Is the second life in plants?) *Ekonatura* 10: 11-12 (In Polish)

SCIENTIFIC PROJECTS

- 2017-2018 RPMA.01.02.00-14-7493/16 (European Funding) – „Opracowanie biopreparatu z wykorzystaniem naturalnych szczepów bakterii produkujących bakteriocyny o działaniu bakteriobójczym wobec głównych patogenów roślin” (Development of a biopreparation using natural bacterial strains producing bacteriocins with bactericidal activity against major plant pathogens) Function in the project: **Co-investigator**
- 2014-2016 DEC-2013/09/D/NZ9/02482 (National Science Center) – „Metagenomy glebowe wskaźnikiem degradacji bioróżnorodności mikroorganizmów w glebach użytkowanych rolniczo na Lubelszczyźnie” (Soil metagenomes as indicator of microbial biodiversity degradation in arable soils from the Lublin District) Function in the project: **Co-investigator**. Principal Investigator: A. Wolińska
- 2015-2016 505-10-012400-M00280-99 (Warsaw University of Life Sciences) – „Charakterystyka molekularna genów *cry* szczepów bakterii endofitycznych *Bacillus thuringiensis* izolowanych z *Chelidonium majus* L. i *Humulus lupulus* L. (Molecular characterization of *cry* genes of *Bacillus thuringiensis* endophytic bacteria strains isolated from *Chelidonium majus* L. and *Humulus lupulus* L.) Function in the project: **Principal Investigator**
- 2012-2013 505-10-012400-A02397-99 (Warsaw University of Life Sciences) – „Poszukiwanie nowych genów *cry* i *cyt* w genomie endofitycznych bakterii *Bacillus thuringiensis* przy zastosowaniu techniki multipleks PCR” (Searching for new *cry* and *cyt* genes in the genome of endophytic *Bacillus thuringiensis* bacteria using the multiplex PCR technique.) Function in the project: **Principal Investigator**
- 2011-2012 505-10-01240051 (Warsaw University of Life Sciences) – „Różnicowanie endofitycznych szczepów bakterii na podstawie analizy polimorfizmów fragmentów genów 16S rDNA i

obszarów międzygenowych 16S-23SrDNA przy zastosowaniu techniki RFLP” (Differentiation of endophytic bacterial strains based on analysis of polymorphisms of 16SrDNA gene fragments and 16S-23SrDNA intergenic regions using RFLP technique.) Function in the project: **Principal Investigator**

SCIENTIFIC POSITIONS AND COURSES

- 2019-present **Assistant Professor** in Department of Biochemistry and Microbiology
Institute of Biology, Warsaw University of Life Sciences
- 2018-present **Editor** in scientific journal “Advancements of Microbiology”
- 2016 - 2019 **Assistant Professor** in Faculty of Agriculture and Biology, Department of Microbial Biology,
Warsaw University of Life Sciences
- 2011 – 2016 **Assistant** in Faculty of Agriculture and Biology, Department of Microbial Biology, Warsaw
University of Life Sciences
- 2006-2008 **Microbiologist** in Prof. Waław Dąbrowski Institute of Agriculture and Food Biotechnology,
Microbiology Department, Warsaw, Poland

COURSES

- 2019 **Course** in Intercultural Relations run by ‘Welcome to Poland’ project in WULS-SGGW,
Warsaw, Poland (2 days)
- 2018 **Practices** in Institute of Microbiology, Faculty of Biology, Warsaw University, Warsaw, Poland
(3 months)
- 2014 **Workshop** – “Isolation and identification of plant-associated bacteria using Denaturing gel
electrophoresis DGGE system” organized by Upgrade of micro-ecology research teams run by
Faculty of Horticulture, Biotechnology and Landscape Architecture. WULS-SGGW, Poland (1
day)
- 2008 **Course** – “School of Real-Time PCR” run by Applied Biosystem, Warsaw, Poland (1 day)
- 2008 **Course** – “Implementation of Quality Systems in Laboratory” run by PROLAB Scientific and
Technical Office, Warsaw, Poland (1day)
- 2007 **Course** – “DNA analysis using automatic sequencer” run by Molecular Biology Service MBS,
Warsaw, Poland (1day)
- 2007 **Workshop** – “RealTime PCR technique” run by Roche Diagnostics, Warsaw, Poland (1day)
- 2006 **Course** – “ISO9000 Quality Management System” run by Prof. Waław Dąbrowski Institute of
Agriculture and Food Biotechnology, Warsaw, Poland (1day)
- 2006 **School** in Pedagogy and Biology Teaching Methodology run by Pracownia Dydaktyki Biologii
at Warsaw University, Poland (1 year)
- 2004 **Practices** in Department of Molecular Microbiology, National Institute of Public Health,
Warsaw, Poland (1 month)

TEACHING AND ORGANIZATION ACTIVITIES

2019	Participation in the modernization of the first degree study program in Biology at the Faculty of Agriculture and Biology, module I – task 14, project title: „Sukces z natury - kompleksowy program podniesienia jakości zarządzania procesem kształcenia i jakości nauczania” (Success by nature - a comprehensive program for improving the quality of teaching process management and teaching quality) POWR.03.05.00-00-Z033/17 WULS-SGGW, Poland (3 months)
2019	Participation in the preparation of a new English-language education program in a new direction, Organic Agriculture and Food Production; Subject “Microbiology of soils and plants” – task 1, project title: „Sukces z natury -kompleksowy program podniesienia jakości zarządzania procesem kształcenia i jakości nauczania” (Success by nature - a comprehensive program for improving the quality of teaching process management and teaching quality) POWR.03.05.00-00-Z033/17 WULS-SGGW, Poland (1 months)
2015-present	Supervisor of the Student Scientific Society of Microbiologists “EZA” at WULS-SGGW, Warsaw, Poland
Subject coordinator (Polish subjects)	Biologia molekularna i genetyka grzybów Biologiczne oczyszczanie ścieków i utylizacja odpadów Mikrobiologia przemysłowa Mikroorganizmy w przyrodzie i życiu człowieka- wybrane aspekty Metody nowoczesnej diagnostyki mikrobiologicznej Ocena sanitarna materiałów i ich zabezpieczenie Techniki analizy ruchomych elementów genetycznych
Subject coordinator (English subjects)	Microbial ecology of endophytic bacteria

OTHERS

2008-2019	Participant in 6 international conferences - 8 posters and 1 lecture
2008-2019	Participant in 8 national conferences - 16 posters
2013-2019	Supervisor of 6 Master and 6 Bachelor theses