



Curriculum Vitae

Personal information **Dariusz WASYL**

Work experience

August 1995 - present

position held: Professor; Head of Department of Omic Analyses, Deputy Head of Department of Microbiology

employer's name: National Veterinary Research Institute (Państwowy Instytut Weterynaryjny – Państwowy Instytut Badawczy; PIWet), Al. Partyzantów 57 24-100 Puławy

country of employment Poland

main activities in the position National Reference Laboratory for salmonellosis; National Reference Laboratory for antimicrobial resistance (*Enterobacteriaceae*); principal researcher and research task leader; member of expert groups on zoonoses and AMR (i.e. Quadripartite, DG Sante, EFSA), lecturer and tutor (i.e. Better Training for Safer Food); reviewer and scientific supervisor

Education and training

Professor in agricultural sciences, discipline: veterinary medicine (December 2021), President of the Republic of Poland

ScD (April 2015), National Veterinary Research Institute (Thesis: Prevalence and characterization of cephalosporins and quinolone resistance mechanisms in *Salmonella* spp. and *Escherichia coli*)

PhD (December 2003), National Veterinary Research Institute (Thesis: diagnostics of swine salmonellosis)

DVM (May 1995), Faculty of Veterinary Medicine, Agricultural Academy of Lublin

Additional information

Publications

Author and co-author of over 90 papers in scientific journals indexed in Web of Science® over 300 other papers and conference communications; nearly 2200 citations scattered globally; H index of 23; Web of Science Researcher ID: M-7908-2019; Scopus Author ID 6602545328; ORCID Database ID: 0000-0002-1068-8414; Publons public profile: <https://publons.com/researcher/2766153/dariusz-wasyl/>

Recent, relevant publications (2021 – 2023):

1. Zajac et al. (2023) The first description of the complete genome sequence of multidrug-resistant *Salmonella enterica* serovar monophasic Typhimurium (1,4,[5],12:i:-) isolate with the mcr-1.1 gene on IncHI2 found in pig in Poland. *J. Glob. Antimicrob. Resist.* 33, 218–220. doi:10.1016/j.jgar.2023.04.008
2. Luiken et al. (2022) Determinants for antimicrobial resistance genes in farm dust on 333 poultry and pig farms in nine European countries. *Environ. Res.* 208, 112715. doi:10.1016/j.envres.2022.112715
3. Yang et al. (2022) Risk factors for the abundance of antimicrobial resistance genes aph(3')-III, erm (B), sul2 and tet (W) in pig and broiler faeces in nine European countries. *J. Antimicrob. Chemother.* 1–10. doi:10.1093/jac/dkac002
4. Skóra et al. (2022) Draft genome sequences of six isolates of the *Bacillus cereus* group isolated from pet reptiles *Microbiol. Resour. Announc.* 36, 10–12. doi.org/10.1128/mra.00385-22
5. Grenda et al. (2022) Attempting to identify bacterial allies in immunotherapy of NSCLC patients. *Cancers* 14(24), 6250. doi:10.3390/cancers14246250
6. Anjum et al. (2021) The potential of using *E. coli* as an indicator for the surveillance of antimicrobial resistance (AMR) in the environment. *Curr. Opin. Microbiol.* 62, 152–158. doi:10.1016/j.mib.2021.09.011
7. Leekitcharoenphon et al. (2021) Genomic evolution of antimicrobial resistance in *Escherichia coli*. *Sci. Rep.* 11, 1–12. doi:10.1038/s41598-021-93970-7
8. Horie et al. (2021) Risk Factors for Antimicrobial Resistance in Turkey Farms: A Cross-Sectional Study in Three European Countries. *Antibiotics* 10, 820. doi:10.3390/antibiotics10070820
9. Skarzyńska et al. (2021) Antimicrobial resistance glides in the sky -free-living birds as a reservoir of resistant *Escherichia coli* with zoonotic potential. *Front. Microbiol.* 21, 673, doi: 10.3389/fmicb.2021.656223
10. Kürekci et al. (2021) Whole-genome sequence analysis of *Salmonella* Infantis isolated from raw chicken meat samples and insights into pESI-like megaplasmid. *Int. J. Food Microbiol.* 337, 108956. doi:10.1016/j.ijfoodmicro.2020.108956

Projects

1. Institute (PIWet) representative for One Health European Joint Project (Project No. 773830, www.onehealthjeu.eu)
2. Ionophore coccidiostats: risk of co-selection of antimicrobial resistance - Clinical impact and intervention strategies ICONIC (2022 – 2025) Joint Programming Initiative on AMR, JPIAMR2021-170; PIWet research team co-leader
3. ENOVAT European Network for Optimization of Veterinary Antimicrobial Treatment (www.cost.eu/actions/CA18217) Management Committee member, PIWet research team leader
4. BETTER – Biosecurity Enhanced Through Training Evaluation and Raising Awareness (www.cost.eu/actions/CA20103) Management Committee member, PIWet research team leader
5. IMPART: Improving phenotypic testing of AMR by development of sensitive screening assays for emerging

- resistances, and setting missing ECOFFs (2018-2020); One Health EJP JRP01-AMR-1, PIWet research team leader
6. ADONIS: Assessing Determinants of the Non-Decreasing Incidence of Salmonella (2020-2022) One Health EJP JRP23-R2-FBZSH5; Deputy project leader, PIWet research team leader
 7. CARE: Cross-sectoral framework for quality Assurance Resources for countries in the European Union (2020-2022) One Health EJP JIP03-R2-IA2.3; PIWet research team leader
 8. DiSCoVer: Discovering the sources of Salmonella, Campylobacter, VTEC and antimicrobial resistance (2020-2022) One Health EJP JRP20-R2-FBZSH3; Principal researcher
 9. FULL-FORCE: Full-length sequencing for an enhanced EFFORT to map and understand drivers and reservoirs of antimicrobial resistance (2020-2022) One Health EJP JRP14-R2-AMR2.1; principle researcher
 10. ENGAGE: Establishing Next Generation sequencing Ability for Genomic analysis in Europe (2016 – 2018), EFSA GP/EFSA/AFSCO/2015/01, PIWet research team leader
 11. EFFORT - Ecology from farm to fork of microbial drug resistance and transmission (2013 – 2018), FP7 – KBBE.2013.1.3-05 - 613754: PIWet research team leader
 12. Inwazyjne gatunki żółwi jako źródło i wektor patogenów zwierząt i ludzi (Invasive turtle species as a source and vector of animal and human pathogens" 2014 – 2018) 2013/11/B/NZ7/0169; project and consortium leader

Memberships

Current:

1. Quadripartite Joint Secretariat (FAO, UNEP, WHO, WOA) member of [Quadripartite Technical Group on Antimicrobial resistance and use Integrated Surveillance](#) (appointment date: 18th Nov. 2022), 2022-2024
2. European Commission, Directorate-General for Health and Food Safety, member of '[Antimicrobial Resistance \(AMR\) One Health Network](#)' (appointment date: 24th Feb. 2023), 2023 – 2028:
3. European Food Safety Agency, AMR Scientific Network on Zoonoses Monitoring Data, 2008 - currently

Previous

4. European Food Safety Agency „[Working Group on Harmonised Technical Specifications for AMR monitoring](#)” 2018 – 2019
5. working group of the European Food Safety Agency on harmonised monitoring of antimicrobial resistance in bacteria of animal origin, 2006 – 2008
6. *Ad hoc* Codex Intergovernmental Task Force on Antimicrobial Resistance (TFAMAR) 2017 – 2021

Other Relevant Information