

## CV Dr. Ashraf R. Zayed

Name: Ashraf R. Zayed  
Date of birth and address: 02.05.1987, Jenin, West Bank, Palestine  
Nationality: Palestinian  
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## Academic Education

2005-2009 **Bachelor Degree** Medical Laboratory Science  
Arab American University-AAUP, Jenin, Palestine

2009-2013 **Master Degree** Medical Laboratory Science  
Track Microbiology and Immunology  
Al-Quds University, Abu Dies, East Jerusalem, Palestine

2014-2018 **PhD in Microbiology** (Supervisor: Prof. Manfred.G. Höfle)  
Technische Universität Braunschweig, Germany  
Helmholtz-Zentrum für Infektionsforschung, Braunschweig

## Professional Career

2011- 2014 **Research and Teaching Assistant**  
Al-Quds University, Abu Dies, East Jerusalem/Palestine  
Faculty of Medicine, Dept. Microbiol. and Immunol.

2012- 2018 **Junior Team Leader & researcher**  
**(DFG-project)**  
Al-Quds University, Abu Deis, East Jerusalem /Palestine  
Helmholtz-Zentrum für Infektionsforschung, Braunschweig

2018-2020 **Assistant Professor** at Arab American University  
Basic Medical Science Unit, Dept. Microbiology (PT)

2019- Now **Assistant Professor** at An-Najah National University  
Faculty of Medicine, Dept of Biomedical Sciences

2024-2027 **Academic Coordinator ERASMUS+ KA171**  
**(ERASMUS Exchange-project)**  
An-Najah National University /Palestine  
Technical University of Braunschweig/Germany

2024-Now **Head of the Division of Microbiology, Immunology and Pathology**, Faculty of Medicine & Allied Medical Sciences  
An-Najah National University

## Awards, Courses, Activities, Funding

|           |                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------|
| 2016      | <b>Dr. Atallah Rashmawi's award</b> best research in laboratory medicine                                        |
| 2020      | <b>DAAD DIES ProGRANT</b> Proposal Writing for Research Grants from Universität zu Köln                         |
| 2023      | <b>Memorandum of Understanding (MoU)</b> b/w An-Najah National University & Technical University of Brunschweig |
| 2024-2027 | die Auswirkungen des Klimawandels auf Wasserlebensräume <b>ERAMSUS+KA171</b>                                    |

## Selected publications

1. **Zayed AR**, Pecellin M, Salah A, Alalam H, Butmeh S, Steinert M, Lesnik R, Brettar I, Höfle MG\*, Bitar DM. Characterization of *Legionella pneumophila* Populations by Multilocus Variable Number of Tandem Repeats (MLVA) Genotyping from Drinking Water and Biofilm in Hospitals from Different Regions of the West Bank. **Pathogens**. 2020. DOI: 10.3390/pathogens9110862 (IF=4.53)
2. **Zayed AR**, Butmeh S, Pecellin M, Salah A, Alalam H, Steinert M, Höfle MG, Bitar DM, Brettar I\*. Biogeography and Environmental Drivers of *Legionella pneumophila* Abundance and Genotype Composition Across the West Bank: Relevance of a Genotype-Based Ecology for Understanding *Legionella* Occurrence. **Pathogens**. 2020. (IF=4.53)
3. **Zayed AR**, Pecellin M, Jaber L, Butmeh S, Bahader SA, Steinert M, Höfle MG, Brettar I, Bitar DM\*. Cytotoxicity, Intracellular Replication, and Contact-Dependent Pore Formation of Genotyped Environmental *Legionella pneumophila* Isolates from Hospital Water Systems in the West Bank, Palestine. **Pathogens**. 2021.(IF=4.53)
4. MousaAli, MahdiAwwad, Mahmoud Eid, , **Ashraf R. Zayed\*** & Abdulsalam Alkaiyat. Investigating stethoscope hygiene practices and bacterial contamination among medical trainees: an educational perspective. **Scientific Reports**, 2025 (IF=3.9).
5. **Zayed AR\***, Bitar DM, Steinert M, Lück C, Brettar I, Höfle MG, Bunk B\*. Comparative Genomics of *Legionella pneumophila* Isolates from the West Bank and Germany Support Molecular Epidemiology of Legionnaires' Disease. **Microorganisms**, 2023 (IF=4.92)

## List of important Conferences

2013 FEMS Microbiology Congress. Poster, Leipzig/Germany  
2013 8<sup>th</sup> International conference on *Legionella*. Poster, Melbourne/Australia  
2015 18<sup>th</sup> International symposia water microbiology. Poster, Lisbon/Portugal  
2016 9<sup>th</sup> International Medical lab conference. Talk\* Awarded, Ramallah/Palestine  
2016 International symposium on *Legionella*. Talk, Braunschweig/Germany  
2017 9<sup>th</sup> International conference on *Legionella*. Poster, Rome/Italy  
2021 10<sup>th</sup> International Medical lab conference. Talk, Ramallah/Palestine

## Research Experiences

- Next Generation Sequencing and Whole Genome Sequencing technologies
- Advanced Bioinformatics tools

## Researcher research engines URL

- Orcid: <https://orcid.org/0000-0002-4327-6168>
- Researchgate: <https://www.researchgate.net/profile/Ashraf-Zayed>