

Munir Al-Zeer, PhD

Department of Biological Sciences
 Faculty of Science
 University of Jordan
 Amman-Jordan
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Education

- 2006-2009 **PhD in Molecular Biology (Microbiology and Innate Immunity)**
Humboldt University of Berlin, Germany
- 2002-2004 **Master's degree in Biological Sciences**
University of Jordan
- 1998-2002 **Bachelor's degree in Biological Sciences**
University of Jordan

Teaching and Research Experience

- 2023-current **Assiatant Professor**
 Department of Biological Science
University of Jordan
- 2017-2023 **Lecturer (Team leader)**
"3D organ models to study cancer, immunity, and infectious diseases"
Institute for Biotechnology
Department of Applied Biochemistry
Technical University of Berlin, Germany
- 2014-2017 **Senior Postdoc**
"Epithelial immunity against Chlamydia and Helicobacter"
Department of Molecular Biology
Max Planck Institute for Infection Biology, Germany
- 2009-2014 **Postdoc**
"Host-pathogen interactions"
Department of Molecular Biology
Max Planck Institute for Infection Biology, Germany

Management Experience

- 2018-2022 Gene technology project leader, Technical University of Berlin, Germany

Courses

- 2007 Handling mice: procedures and treatments, Max Planck Institute for Infection Biology, Berlin, Germany
- 2018 Gene technology project leader, Issuing Authority Office for Health and Social Affairs Berlin (LAGESO)

Ad hoc reviewer

F1000, Frontiers in Cellular and Infection Biology, PLOS ONE, Nature.

Guest Associate Editor

Journal: Frontiers Molecular Biosciences

Topic: Molecular Diagnostics and Therapeutics

Sub-Topic: Small Molecules and Peptides-Based Candidates as Therapeutics and Vaccines for COVID-19 Pandemics

Grant application

2021: Title: "Bio-printing of a 3D lung cancer model".

Principal Investigators: Munir A. Al-Zeer, Johanna Berg, and Jens Kurreck.

Technical University of Berlin

The SET Foundation: (30,000 Euros).

2016: Title: "Epigenetic modulation of the host cell environment during chronic Chlamydia infections".

Principal Investigators: Thomas F. Meyer and Munir A. Al-Zeer

Max Planck Institute for Infection Biology

Max Planck Society: 200,000 Euros.

Publications Summary

Number of Publications: 31

Research Gate Score: 28.58

Google Scholar: citations 14159

Hi10-index: 24

Publications

1. Abu Lubad, M., Helaly, G., Haddadin, W. Aqel, A., **Al-Zeer MA (2022)**. Loss of p53 Expression in Gastric Epithelial Cells of Helicobacter pylori-Infected Jordanian Patients. **International Journal of Microbiology** 2022(4):1-6 [DOI: 10.1155/2022/7779770](https://doi.org/10.1155/2022/7779770)
2. Wu, D., Berg, J., Arlt, B., Röhrs V., **Al-Zeer MA.**, Deubzer H., and Kurreck, J. (2022). Bioprinted Cancer Model of Neuroblastoma in a Renal Microenvironment as an Efficiently Applicable Drug Testing Platform. **International Journal of Molecular Sciences**. <https://doi.org/10.3390/ijms23010122>
3. Schmidt, K., Berg, J., Röhrs, V., Kurreck, J., and **Al-Zeer MA. (2020)**. 3D-bioprinted HepaRG cultures as a model for testing long term aflatoxin B1 toxicity in vitro. **Toxicology Reports**. DOI: [10.1016/j.toxrep.2020.11.003](https://doi.org/10.1016/j.toxrep.2020.11.003)
4. Xavier A, **Al-Zeer MA**, Meyer TF, Daumke O (2020). hGBP1 Coordinates Chlamydia Restriction and Inflammasome Activation through Sequential GTP Hydrolysis. **Cell Reports** [doi: 10.1016/j.celrep.2020.107667](https://doi.org/10.1016/j.celrep.2020.107667)
5. Brüggemann, H., and **Al-Zeer MA.**, (2020). Bacterial signatures and their inflammatory potentials associated with prostate cancer. **Journal of Pathology Microbiology and Immunology** [DOI 10.1111/apm.13021](https://doi.org/10.1111/apm.13021)

For complete list of publication:

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