



## Murad Ishnaiwer

**Date of birth:** 23/09/1985 | **Nationality:** Palestinian (Autonomous Palestinian Territories) |

**Gender:** Male | **Phone number:** (+970) 599033654 (Mobile) | **Email address:**

[ishnaiwer@gmail.com](mailto:ishnaiwer@gmail.com) |

**Address:** Palestine Polytechnic university, Wadi Alharea Building PO BOX: 198, 00972, Hebron, Autonomous Palestinian Territories (Work)

### ● ABOUT ME

You can provide a description of yourself here...

### ● EDUCATION AND TRAINING

01/10/2019 – 01/10/2022 Nantes, France

**PHD IN MEDICAL MICROBIOLOGY, VIROLOGY, AND PARASITOLOGY** Nantes university

01/09/2010 – 01/06/2013 Hebron, Autonomous Palestinian Territories

**MASTER OF BIOTECHNOLOGY** Palestine polytechnic university

01/09/2003 – 01/07/2007 Jerusalem, Autonomous Palestinian Territories

**BACHELOR OF BIOLOGY** Al-QUDS university

### ● WORK EXPERIENCE

01/10/2022 – CURRENT Hebron, Autonomous Palestinian Territories

**ASSISTANT PROFESSOR OF MEDICAL MICROBIOLOGY, VIROLOGY, AND PARASITOLOGY** PALESTINE POLYTECHNIC UNIVERSITY

1. Teach courses Basic/ Medical Microbiology, Virology, and Parasitology
2. Supervise two projects, one Bachelor and one Master students, both projects funded by Al-Maqdisi scholarship.
3. Research interest: effect of Probiotics and Prebiotics against Multi drug resistant bacteria; comparison of intestinal microbiota taxa between healthy gastroenteritis infants.

01/08/2016 – 01/10/2019 Hebron, Autonomous Palestinian Territories

**LECTURER OF MICROBIOLOGY, VIROLOGY** PALESTINE POLYTECHNIC UNIVERSITY

1. Teach courses Basic/ Medical Microbiology, Virology.

### ● HONOURS AND AWARDS

01/12/2023

**Al Maqdisi 2023-2025 – Ministry of Europe and Foreign Affairs (MEAE), Consulate General of France in Jerusalem**

Title: TAXA IDENTIFICATION OF GUT MICROBIOTA INVOLVED IN THE DIGESTIVE COLONIZATION OF ESBL ENTEROBACTERIA.

**Total fund: 23000 Euro**

This project is an opportunity to develop collaboration in the West Bank between hospital centers and the science and technology component of a university, the Palestine Polytechnic University, and also a French team at UR1155 of Nantes University. in the use of the murine model of digestive colonization by multi-resistant Enterobacteriaceae.

01/10/2019

**French government Scholarship (PhD) – University of Nantes, France**

Obtained a PhD degree in Medical Microbiology and Virology: Research topic: identifying new strategies to treat Gastroenteritis caused by extended spectrum beta-lactamase-Enterobacteriaceae

01/01/2019

**Almasrouji Company for Medical research, higher council for innovation and excellence 1st place among all Palestinian researches, – Almasrouji Company for Medical research**

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10000 USD

01/06/2018

**Palestinian Quebec Science Bridge (PQSB) – Université du Québec à Trois-Rivières, Canada**

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Knockout human cells using the CRISPR-Cas9 system. Molecular cloning to experiments in the cellular context; defining the genomic targeting strategy; constructing lentiviral vectors expressing the necessary CRISPR components; transducing human cell lines with the vectors and; p62/SQSTM1 knockout, human cells knock out; demonstrating knockout by Western blotting in myeloid and epithelial cells.

01/05/2018

**Eng. Zuhair Hijjawi Award in Medical and Biological Technologies and Agricultural Sciences. – Zuhair Hijjawi Award in Medical and Biological Technologies and Agricultural Sciences.**

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01/04/2018

**Islamic Bank Award, best research among Palestinian universities Research – Palestine Islamic Bank (PIB)**

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2000 USD

01/05/2017

**Eng. Zuhair Hijjawi Award in Medical and Biological technologies and Agricultural Sciences – Eng. Zuhair Hijjawi Award in Medical and Biological technologies**

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01/05/2017

**Student Innovation Conference 2017-Palestine Polytechnic, 1st ranked research of College of Applied sciences. – Palestine Polytechnic university**

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01/04/2017

**Islamic Bank Award, best research among Palestinian universities Research – Palestine Islamic Bank (PIB)**

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01/08/2012

**North Rhine-Westphalia Scholarship – Institution Bonn-Rhein-Sieg University of Applied Sciences, Germany**

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Stem cell differentiation and signal transduction, during which several technical experience have been gained including: Human Mesenchymal stem cell, isolation and Lipogenic, Osteogenic and Chondrogenic differentiation; Cell splitting, cell staining, cell freezing; Cell thawing, cell count and seeding; cDNA Reverse transcription.

## ● PUBLICATIONS

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2024

[\*\*Efficacy of an inulin-based treatment on intestinal colonization by multidrug-resistant E. coli: insight into the mechanism of action\*\*](#)

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[\*\*Gut Microbes\*\*](#)

Murad Ishnaiwer, et al

[\*\*Pantoprazole promotes sustained intestinal carriage of multidrug-resistant Escherichia coli in amoxicillin-treated mice Get access Arrow\*\*](#)

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*Journal of Applied Microbiology*, Volume 134, Issue 10, October 2023

Camille Moaligou, Michel Dion, Murad Ishnaiwer, Éric Dailly, Éric Batard, François Javaudin

2022

**In vitro and in vivo activity of new strains of Bacillus subtilis against ESBL- producing Escherichia coli: an experimental study**

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Journal of Applied Microbiology  
132 (3), 2270-2279, (2022)escription...

Murad Ishnaiwer, YI Bezabih, F Javaudin, M Sassi, P Bemer, E Batard, M Dion

2022

**Isolation and partial characterization of Salmonella Gallinarum bacteriophage**

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Saudi Journal of Biological Sciences  
29 (5), 3308-3311, (2022).n...

F Al-Razem, H Al-Aloul, Murad Ishnaiwer, R Qadi

2020

**Detection of Virulence Gene Profiles of Multi-Drug Resistance (MDR) in Pseudomonas aeruginosa Bacteria in Human**

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Aysha Abu-Fanar, Bisan Al-Jabary, Maalem Hrinat, Murad Ishnaiwer, Fawzi AlRazem.

2020

**Isolation of bacteria that are able to digest keratin as an alternative to harmful chemicals used in tanning industries**

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Dalia Bheis , Naheda Abu Sbaih , Nedaa Najjar , lenas Harahshe , Fawzi Al-Razem,Murad Ishnaiwer

2019

**Isolation and Characterization of a Bacteriophage That Hosts on Avian pathogenic Escherichia coli (APEC)**

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International Journal of Poultry Science 18 (5), 223-230 , (2019)

Haya Fakhouri, Orjowan Juneidi, Hana Al Mohtaseb

2013

**Isolation and Characterization of Bacteriophages from Laban Jameed**

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Food and Nutrition Sciences, Food and Nutrition Sciences, (2013)

Murad Ishnaiwer, and Fawzi alrazem

● **CONFERENCES AND SEMINARS**

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23/04/2022 – 26/04/2022 Lisbon, Portugal

**ESCMID clinical microbiology and infectious diseases**

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Title: Preventive activity of E. coli and Akkermansia muciniphila probiotics against intestinal colonisation by carbapenem-resistant E. coli in a mouse model

09/07/2021 – 12/07/2021 online

**ESCMID clinical microbiology and infectious diseases**

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preventive effect of prebiotic inulin against intestinal colonization by carbapenem-resistant E.coli in a mouse model

2021 University of Nantes

**Young researchers in life science(YRLS) 2021 conference**

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Title: in vitro and in vivo activity of new isolates of Bacillus subtilis against OXA-48 carbapenemase producing Escherichia coli

2020 university of Nantes, France

**JBS-Bretagne Loire scientific days**

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Oral presentation:

Preventive effect of Akkermansia muciniphila against intestinal colonization by carbapenemase OXA-48 producing E.coli

20/03/2017 – 01/04/2017 Jena university, Germany

**International Conference on Microbial Communication for Young Scientists (MiCom), Jena university, Germany, 2017**

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## ● **PROJECTS**

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2017 – 2018

**Prevalence and antibiotic susceptibility profiles of Campylobacter, Staphylococcus aureus, Salmonella and E.coli from chicken carcasses**

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2017 – 2018

**Isolation and characterization of Klebsiella pneumonia Bacteriophage**

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2017 – 2018

**Development of Selection Media for The Isolation and Enumeration Of Disease Causing Campylobacter**

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2016 – 2017

**Detection of aphA-3-1 Antimicrobial Resistance Gene in Campylobacter Bacteria in Poultry**

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2016 – 2017

**Cloning of the Gene encoding Lipase Enzyme from Bacillus cereus for Industrial Applications in Palestine**

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