

# [Curriculum Vitae]

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## [Personal Information]

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**Name:** Murad Mohammad Hamed Ishnaiwer

**Date of birth:** 23/09/1985

**Place of birth:** Hebron, Palestine

**Email:** [mishnaiwer@ppu.edu](mailto:mishnaiwer@ppu.edu)

**Skype account:** Murad Ishnaiwer

**Mobile:** 00972-0599033654

**Phone:** 00972-022265460

**Nationality:** Palestinian



## [Education]

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➤ **Secondary school:**

2003, Al-Tawjihi, Al-Dahriah Secondary School, Dahriah/Hebron.

➤ **Undergraduate:**

2007, Bachelor of Biology, Al-Quds University, Palestine.

**Thesis title:** Osteoporosis Genetic Factors.

➤ **Graduate:**

2013, Master of Biotechnology, Palestine Polytechnic University and Bethlehem University, Palestine.

**Thesis title:** Isolation and characterization of novel bacteriophages from Laban Jameed). Results published in FNS Journal 2013 ([see publications](#))

## [Work Experiences]

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➤ **2015-now :** Lecturer (Palestine Polytechnic University, Department of Applied Biology).

➤ **2007-2015:** Teacher of Biology (10<sup>th</sup>-12<sup>th</sup> Grades) and Lab manager, Dahriah School for boys, Palestinian Ministry of Education.

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## [Research and Professional Experience]

		Skills
<b>Dates</b>	Aug, 2012-Oct, 2012	<ol style="list-style-type: none"> <li>1. Human Mesenchymal stem cell isolation and Lipogenic, Osteogenic and Chondrogenic differentiation.</li> <li>2. Cell splitting, cell staining, cell freezing, Cell thawing, cell count and seeding.</li> <li>3. cDNA Reverse transcription.</li> </ol>
<b>Title</b>	Stem cell differentiation and signal transduction	
<b>Institution</b>	Bonn-Rhein-Sieg University of Applied Sciences, Germany	
		Skills
<b>Dates</b>	Mar, 2013 – Oct, 2013	<ol style="list-style-type: none"> <li>1. Blood tests</li> <li>2. Urea tests</li> <li>3. Hormone test</li> </ol>
<b>Title</b>	Medical Tests	
<b>Institution</b>	AL-Dahriah Municipality Medical Centre, Palestine	
		Skills
<b>Dates</b>	Aug, 2010 – Jun, 2013	<ol style="list-style-type: none"> <li>1- Bacterial cultures ( aerobic, anaerobic, microaerophilic conditions).</li> <li>2- Bacteriophage isolation and detection.</li> <li>3- Nucleic Acids isolation and differentiation</li> <li>4- Restriction analysis</li> <li>5- PCR technology (regular PCR, multiplex PCR, RT- PCR).</li> <li>6- Gel Electrophoresis.</li> <li>7- sequencing marker genes</li> <li>8- Protein isolation and protein electrophoresis via Western Blot and SDS-PAGE analysis.</li> </ol>
<b>Title</b>	Microbiology, Molecular Biology, Bioinformatics and Proteomics	
<b>Institution</b>	Palestine Polytechnic University	

## [Languages]

- International English Language Testing System (**Ielts**) certificate:

Reading	Speaking	Writing	Listening	Overall score
5.5	7	6	6	6/9

- Turkish language certificate for beginners (A1 level).
- Arabic language: Mother tongue.

## [Outside interests and skills]

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1. Computer programming, Microsoft office, Internet explorer.
2. Statistical analysis, SPSS, Endnote, pymol.
3. Communication and Organization, Internet surfacing.
4. Playing football.
5. Reading science books, articles, news

## [Honors and Awards]

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**Aug, 2012- Oct, 2012:** Competitively awarded North Rhine-Westphalia Scholarship. Focused on Stem cells and Signal transduction.

**2017 :** Eng. Zuhair Hijjawi Award in Medical and Biological technologies and Agricultural Sciences. (*Students participation*)

**2017:** Student Innovation Conference 2017-Palestine Polytechnic, 2nd ranked research of College of Applied sciences. (*Students Participation*)

## [Supervision of Undergraduate projects]

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- 1- Prevalence and antibiotic susceptibility profiles of *Campylobacter*, *Staphylococcus aureus*, *Salmonella* and *E.coli* from chicken carcasses.
- 2- Isolation and characterization of Avian-pathogenic Escherichia coli (APEC) bacteriophages

## [Conferences]

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- Poster at EMBO Conference on Viruses of Microbes III / Swiss Federal Institute of Technology (ETH).
- Participation in the first, second and third conference of Palestinian Forum of Medical Research (PFMR).
- Student Innovation Conference 2017-Palestine Polytechnic University (*Students participation*).

## [Volunteer Activities]

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- Volunteer at Palestine Museum of Natural History, Bethlehem University.
- Organizing several scientific days and exhibitions at Palestinian ministry of education.
- Organizing scientific day for schools while conducted my internship period at Bonn University, Germany.

## [Research group activities]

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- Group name: Food Biosafety and Biotechnology Research Group
- Committee: Mr. Murad Ishnaiwer, Dr. Fawzi-Alrazem
- University: Palestine Polytechnic University

## [Publications]

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- 1- Ishnaiwer, M and Al-Razem, F 2013. Isolation and Characterization of Bacteriophages from Laban Jameed. *Food and Nutrition Sciences*, Vol: 4, No (11): 56-66.  
Link: <http://www.scirp.org/journal/PaperDownload.aspx?paperID=39070>.
- 2- Isolation and characterization of a bacteriophage that hosts on Avian-pathogenic, *International journal of Poultry Science* (**under review**)

## [Proposals and Projects]

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- 1- Isolation and Characterization of Bacteriophages from Laban Jameed. *Food and Nutrition Sciences*.
- 2- Microalgae Photo-Bioreactor for the Production of Bio-Diesel: A Promising Alternative Energy Source.
- 3- Cataloging computationally putative resistance Genes in Grape and their Corresponding Pathogenicity Genes.

## [Referees]

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Name	Position	Institution	Email	Phone
Fawzi Al-Razem	Assistant Professor	Palestine Polytechnic University	<a href="mailto:razemf@ppu.edu">razemf@ppu.edu</a>	00972-0598095129
Mazin Qumsiyeh	Professor	Bethlehem University	<a href="mailto:mazing@bethlehem.edu">mazing@bethlehem.edu</a>	00972-0598939532
Hatim Salim	Assistant Professor	Palestine Polytechnic University	<a href="mailto:jabarin62@yahoo.com">jabarin62@yahoo.com</a>	00972-0599098669
Sameer A. Barghothi	Associated Professor	Al-Quds University	<a href="mailto:bargsam@yahoo.com">bargsam@yahoo.com</a>	00972-0599379561