

Curriculum vitae

PERSONAL INFORMATION



Mahmoud W. El Hindi (M.Sc. of Biotechnology)

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💬 Skype: Mahmoud W. El Hindi

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WORK EXPERIENCE

1 Sep 2012–Present

College / university teaching professional

Islamic University of Gaza, Gaza (Autonomous Palestinian Territories)

09.2012 – 06.2018, Teaching Assistant in faculty of Science (IUG).

11.2017 - Till now Coordinator of Cancer research Lab (IUG).

11.2017 - Till now Researcher of Cancer Research Centre- Gaza (CRC-G).

09.2016 - 01.2017 Laboratory technicians (IUG).

09.2015 - 01.2017 Teaching Assistant in faculty of Health Sciences (IUG).

05.2015 - 11.2015 Supervisor of Bacterial lab (MOA).

05.2014 - 03.2017 Projects Coordinator (STP).

09.2012 – 05.2018 Supervisor of Biological Control Unit (IUG).

09.2012 – 07.2018 Laboratory Supervisor (IUG).

EDUCATION AND TRAINING

01/09/2008–01/06/2012

B.Sc. in Biotechnology Sciences

EQF level 1

Islamic University of Gaza, Gaza (Autonomous Palestinian Territories)

B.Sc. in Biotechnology Sciences: From the Islamic University of Gaza, (Very Good). (2008-2012). The B.Sc. degree involved special courses in Cell biology, Animal physiology, Biochemistry, Genetics, Microbiology, Organic chemistry, Animal tissue culture , plant tissue culture, Molecular Diagnostic , Food Biotechnology , Advanced Biochemistry , Micro technique and Biostatistics, these courses were given in English language.

1 Sep 2013–1 Jan 2017

M.Sc. in Biotechnology Science

EQF level 1

Gaza (Autonomous Palestinian Territories)

M.Sc. in Biotechnology Science: From the Islamic University of Gaza, (Very Good – 89.03%). (2013-2017).

14 Mar 2017–17 Mar 2017	Certificate of practicing a profession	Ministry of Health, Gaza (Autonomous Palestinian Territories)	Certificate of practicing a profession: Medical genetic analysis specialist. From Ministry of Health. (2017)
25 Mar 2010–16 Aug 2010	Molecular Biotechnology	EQF level 1	Islamic University of Gaza, Gaza (Autonomous Palestinian Territories)
	<ol style="list-style-type: none"> 1. Karyotyping Analysis. 2. DNA Fingerprinting. 3. FISH Analysis. 4. Real Time PCR. 5. Mutational screening using TGGE Technique. 		
25 Mar 2010–16 Aug 2010	Agriculture Biotechnology	EQF level 1	Islamic University of Gaza, Gaza (Autonomous Palestinian Territories)
	<ol style="list-style-type: none"> 1. Plant Tissue Culture. 2. Transgenic Plant Technology. 3. Biocontrol. 4. Genotyping of Plant. 		
20 Apr 2010–10 Aug 2010	Pharmaceutical Biotechnology	EQF level 1	Islamic University of Gaza, Gaza (Autonomous Palestinian Territories)
	Bio-separation of biopharmaceutical.		
2 Feb 2013–4 Feb 2013	Training course in a Data Collection in fisheries including catch/ effort, socio economic and biological		FAO, Gaza (Autonomous Palestinian Territories)
	Training course in a Data Collection in fisheries including catch/ effort, socio economic and biological. Inducted by FAO EastMed project and held in Gaza Strip.		
15 Jul 2013–28 Aug 2013	Course of SPSS and writing of Proposal and thesis		Islamic University of Gaza, Gaza (Autonomous Palestinian Territories)
	Course of SPSS and writing of Proposal and thesis. 15th July – 28th August 2013. Continuous Education, Islamic University of Gaza. Palestine.		
7 Dec 2012–7 Jan 2013	Training course in a preparation course “IELTS” exam		Islamic University of Gaza, Gaza (Autonomous Palestinian Territories)

Curriculum vitae

Training course in a preparation course "IELTS" exam, from 17 Dec 2012 to 07 Jan 2013. Continuous Education, Islamic University of Gaza. Palestine.

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Communication skills

- Ability to work under pressure.
- Accuracy.
- Communication.
- Model program.
- Computer skills.
- Diagnostic and research lab Management.
- Projects coordination and management
- Risk management and Quality Control
- Leadership
- Work Independently
- Work with clinicians
- Data analysis and evaluation
- Research design and publication
- Various spectrum of Biotechnology Techniques
- Curriculum development
- Higher Education Teaching

ADDITIONAL INFORMATION

Publications

• Abboud El kichaoi, **Mahmoud El-Hindi**, Farida Mosleh & Tarek Elbashiti. (2015). **The Antimicrobial Effects of the fruits Extracts of *Punica granatum*, *Actinidia deliciosa* and *Citrus maxima* on Some Human Pathogenic Micoorganisims.** *American International Journal of Biology*, Vol. 3, No. 2, pp. 63-75.

• Azme Dagga, Mohamed Abdel Aziz, Abed Al'raoof Al Amnama, Mervat Al-Sharif and **Mahmoud El Hindi**. (2016). **Isolation and Molecular Characterization of Cry Gene for *Bacillus thuringiensis* Isolated from Soil of Gaza trip.** *International Journal of Current Microbiology and Applied Sciences*. 5(4): 659-666.

- Abboud El kichaoui, Ashraf El-shafai, Hala Muheisen, Farida Mosleh, & **Mahmoud El-Hindi**. (2016). **Safe approach to the Biological Control of the Tomato Leafminer *Tuta absoluta* by entomopathogenic fungi *Beauveria bassiana* isolates from Gaza Strip.** *International Journal of Applied Research*; 2(4): 351-355.
- Azmy Kh. Dagga, Mohamed H. Abdel Aziz, Abdelraouf A. Elmanama, Mervat Al-Sharif, Alaa Al jubb and **Mahmoud W. El Hindi**. (2016). **Isolation, characterization & optimization of cultural condition for *Bacillus thuringiensis* bt from soils of Gaza strip.** *International Journal of Current Research*, 8(4), 29885-29891.
- Abboud El Kichaoi, **Mahmoud El-Hindi**, Farida Mosleh, Ashraf Shafie and *Tarek Elbashiti. (2016). **IN VITRO, INTERACTION OF SOME ANTIBIOTICS WITH DIFFERENT FRUIT EXTRACTS ON SOME PATHOGENIC BACTERIAL STRAINS.** *International Journal of Development Research* Vol. 6, Issue, 04, pp. 7299-7304.
- Abboud El Kichaoui, Nedal Fayyad, Ameera El Hayek, Fareda Mosleh, Nadia Amara, Wael Shehada, Emad Youssief and **Mahmoud El Hindi*** (2016). **In vitro, Alternative Methods to the Biological Control of the Aphids by Entomopathogenic Fungi *Beauveria bassiana* Isolates from Gaza Strip.** *International Journal of Current Microbiology and Applied Sciences*. **Volume 5 Number 10, pp. 537-543.**
- Abboud El kichaoui, Kamal Elnabris, Ashraf Shafie, Nedal Fayyad, Bara'a Abu Asaker, **Mahmoud El Hindi**. (2016). **In vitro, evaluation effect of *Punica granatum*, *Artemisia herba-alba*, and *Callistemon viminalis* extracts against chalkbrood disease.** *European Journal of Biotechnology and Bioscience*. **Volume 4; Issue 11; Page No. 20-25.**
- Kichaoui, A. , Asaker, B. and **El-Hindi, M.** (2017) **Isolation, Molecular Identification and under Lab Evaluation of the Entomopathogenic Fungi *M. anisopliae* and *B. bassiana* against the Red Palm Weevil *R. ferrugineus* in Gaza Strip.** *Advances in Microbiology*, 7, 109-124. doi: [10.4236/aim.2017.71009](https://doi.org/10.4236/aim.2017.71009).
- Abboud El Kichaoui, Afnan Abdelmoneim, Hadeel Elbaba & **Mahmoud El Hindi** (2017). **The Antimicrobial Effects of *Boswellia Carterii*, *Glycyrrhiza Glabra* and *Rosmarinus Officinalis* some Pathogenic Microorganisms.** *IUG Journal of Natural Studies*. Special Issue, March, 2017, pp 208-213.
- Abboud El Kichaoui, Kamal Elnabris, Ashraf Shafie, Nedal Fayyad, Mariam Arafa, **Mahmoud El Hindi** (2017). **Development of *Beauveria bassiana*-Based Bio-Fungicide against Fusarium Wilt Pathogens for *Capsicum Annuum*, a Promising Approach toward Vital Biocontrol Industry in Gaza Strip.** *IUG Journal of Natural Studies*. Special Issue, March, 2017, pp 183-190.
- **Mahmoud El-Hindi***, Farida Mosleh, Shahd aldinee, Ruba Gharbiya, Abboud El Kichaoui. (2017). **Antibacterial Potentiality of Water Extract of selected Honey Samples on Some Clinical Isolates.** *The Pharmaceutical and Chemical Journal*, 2017, 4(3):37-42.

Curriculum vitae

· Kamal El Kahlout, Abboud Y. El Kichaoui, Ashraf A. Shafei, Farida N. Mosleh, Sabreen El Mazloom, Ismail M. El Quqa, **Mahmoud W. El Hindi**. **Antibacterial & Antifungal potentiality of *Ricinus communis* & *Coleus forskohlii* on Some Human Pathogenic Microorganisms**. World Journal of Pharmacy and Pharmaceutical Sciences. Volume 7, Issue 2, 189-196.

· Kamal E. M. El Kahlout, Ismail M. El Quqa, **Mahmoud W. El Hindi**, Tarek A. El Bashiti (2018). **Isolation, Biochemical Characterization and DNA Identification of Yogurt Starters *Streptococcus thermophilus* & *Lactobacillus delbrueckii ssp. bulgaricus* in Gaza Strip**. *Advances in Microbiology*. 8, 1005-1020. <https://doi.org/10.4236/aim.2018.812068>

Books:

➤ **Mahmoud W. El Hindi (2017)**. The Entomopathogenic Fungi Against the Red Palm Weevil in Gaza Strip. As a Biocontrol Agent Against RPW an Ecological Solution Toward Sustainable Agriculture. *LAP LAMBERT Academic Publishing (2017-02-21)*.

➤ Farida N. Mosleh, **Mahmoud W. El Hindi** & Abboud Y. El Kichaoi (2017). Antimicrobial effects of some fruit extracts on some human pathogens. Natural Compounds for the development of pharmaceutical industries. *LAP LAMBERT Academic Publishing (2017-08-02)*.

Conferences

· Abboud El Kichaoui,^{1*} Afnan Abdelmoneim², Hadeel Elbaba³ & **Mahmoud El Hindi⁴** (2017). **The Antimicrobial Effects of *Boswellia Carterii*, *Glycyrrhiza Glabra* and *Rosmarinus Officinalis* some Pathogenic Microorganisms**. The 6th ICSD International Conference for Science & Development. Palestine.

· Abboud El Kichaoui^{1*} Kamal Elnabris², Ashraf Shafie³, Nedal Fayyad⁴, Mariam Arafat⁵, **Mahmoud El Hindi⁶** (2017). **Development of *Beauveria bassiana*-Based Bio-Fungicide against Fusarium Wilt Pathogens for *Capsicum Annuum*, a Promising Approach toward Vital Biocontrol Industry in Gaza Strip**. The 6th ICSD International Conference for Science & Development. Palestine.

· **El-Hindi, M.** (2017) **Isolation, Molecular Identification and under Lab Evaluation of the Entomopathogenic Fungi *M. anisopliae* against the Red Palm Weevil *R. ferrugineus* in Gaza Strip**. Palestinian Conference for Agriculture Education. Palestine.

Mahmoud W. El Hindi*, Ashraf A. Shafei, Farida N. Mosleh, Sabreen El Mazloom & Abboud Y. El Kichaoui. (2018). **Antimicrobial activity of secondary metabolites of *Beauveria bassiana* against some human pathogenic microorganisms**. The First International Conference of Health Sciences (ICHS-I). Palestine.

Adnan Al Hindi, Walid Daoud, Abdallah Abed, **Mahmoud El Hindi** & Amira Younis. (2018). **Cryptosporidiosis among Chest Disease Patients Attending Al-Shifa Hospital, Gaza, Palestine.** The First International Conference of Health Sciences (ICHHS-I). Palestine

Honours and awards

- ✚ Development of *Trichoderma*-Based Bio-Fungicide" Against *Fusarium* Wilt Pathogens, A Promising Approach Toward Vital Biocontrol Industry In Gaza Strip. (**Qatar Charity - Gaza Office, (2016).**

- ✚ Isolation, Molecular Identification and under Lab Evaluation of the Entomopathogenic Fungi *Metarhizium sp.* and *Beauveria sp.* against the Red Palm Weevil *Rhynchophorus ferrugineus*. (**Award of Scholarships for Post-Graduate Students in the Gaza Strip**) (Encouraging practical scientific research), (**Interpal, 2016).**

- ✚ **Medal of Researcher Initiator by ARID, 2016.**

- ✚ The First place in **Hackathon Creativity (Medical Sector)**. Project about (**Green Metal Nanoparticles**), 8, 9 & 10 Nov. 2018, Gaza, Palestine.

- ✚ The Third place in **Hackathon (Agriculture & Environmental Solutions)**. Project about (**Safe Palms**), 18, 19 & 20 Nov. 2018, Gaza, Palestine.

Memberships

- Active member with **MEMBS** – Middle East Molecular Biology Sources. 2016. Membership number **A001466**.
- Researcher with Cancer Research Centre- Gaza (**CRC-G**), 2018.
- Active member with Palestinian Society for Cancer Care, 2018.

Undergraduate Courses Taught

- Practical of General Biology.
- Practical Animal Physiology.
- Tissue Culture Technique Lab.
- General Microbiology Lab.
- Practical Genetics Lab.
- Advanced Molecular Diagnostic Lab.
- Recombinant DNA Lab.
- Marine Biotechnology Lab.
- Practical of Histopathology Lab.
- Fungal Biotechnology Lab.

Curriculum vitae

- Fungal Biology Lab.
- Introduction of Biocontrol.
- Metabolic Engineering Lab.

Skills and expertise

- Animal Tissue Culture.
- Molecular Cell Biology.
- Cancer Biology.
- Biological Control.
- Nucleic Acid Isolation.
- DNA Amplification.
- PCR.
- Nanobiotechnology.

References

- **Dr. Abboud Elkichaoui, Ph.D.** Associate Professor (Botany & Mycology), Department of Biology and Biotechnology, Islamic University_Gaza.
- **Dr. Kamal El Kahlout, Ph.D.** Associate Professor (Biotechnology), Department of Biology and Biotechnology, Islamic University_Gaza.
- **Dr. Abdallah Abed, Ph.D.** Associate Professor (Human Genetics), Department of Biology and Biotechnology, Islamic University_Gaza