

### PERSONAL INFORMATION



### PREFERRED STUDIES FOR

### WORK EXPERIENCE

DATES (FROM - TO)

### TRAINING COURSES

### EDUCATION AND TRAINING

DATES (FROM - TO)

### TRAINING COURSES

## ASAAD ATAA

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🌐 <https://tu.edu.ye/staff/#/home/staff/9150d0d4-0f2c-46d9-a534-8d6255479263>

Sex Male | Date of birth

| Nationality Yemeni

**Molecular Biotechnology – Biotechnology and Genetic Engineering, Microbial Biotechnology.**

**2019 – Till now :- Researchers Assistant at Biotechnology and Genetic Engineering, Jordan University of Science and Technology - Jordan.**

**2009 – Till now:- Teaching Assistant and Research in Biochemistry Department - Tamar University.**

**2010 – 2017 :- Researchers Assistant at Tamar University.**

**2020 – Till now:- Editor and reviewer for Journal of Emerging Diseases and Virology, USA.**

**2013 – 2017:- Writing of articles Scientific- Science-press magazine, Morocco .**

**2012 – 2014:- Lecturing in Al-Saeeda University, Lecturing Descriptive Microbiology Water & Food , to Undergraduate students.**

**2018 - 2020 Student Master in Applied Biological Science, Jordan University of Science and Technology – Jordan GPA 3.38/4 ‘Very Good’ “ongoing” Teaching language / English.**

**2019. IQ Test, VeSenior Academy for Training in Canada in cooperation with Tokyo Institute for Human Development & Mental Studies in Japan, I got a score of 146.75 / 200 for Certified International IQ Test, Classification (Degree of Intelligence a Genius).**

**2013. Diploma English language, Tamar University English Language Center general grade (Excellent), Average 90.83% - Level (Advanced)**

**2005-09. Tamar University, BSc. in Agricultural Sciences, Major: Biotechnology & Food Technology, general grade (Very Good), Average 83.91%. Third on Department Biotechnology, Teaching language / English**

**2002-04 High School, Scientific Section, 26 September School, Yemen.**

**04/04/2020:- Workshop on " Infection prevention and control (IPC) for novel coronavirus (COVID-19), World health organization.**

**15/04/2019:- Workshop on : Scientific Writing and Publishing. The American Society for Microbiology, Jordan University of Science and Technology. Jordan.**

**07-20/04/2018:- Training program about “preparing Professional Trainer” total training hours 59 overall grade “Excellent”, Arab Board for consulting & training, Yemen.**

**26-27/11/2017:- Training program (Ethics in Life Sciences Research and Publication) Bibliotheca Alexandrina and TWAS Arab Regional Office. Egypt.**

**20-22/02/2016:- Workshop on : Analysis of scientific article and preparing of research proposal, Faculty of Applied Science, Tamar Uni.**

**10-11/02/2015:- Hot to write proposal of research , Faculty of Applied Science, Tamar University - Yemen.**

**16-17/04/2014:- Environmental education community, the General Hospital Dhamar with Abjad Center for Studies and Development Forum and the corona of the studies and development - Yemen.**

**08-10/01/2013:-** Cash-for-work program Social Fund for Development - Yemen.

**29/12/2012 – 07/01/2013:-** Find PRA Social Fund for Development - Yemen.

**14/04/2013 – 14/05/2013:-** Technology and sensors (**Nanoparticles**) Bio nanotechnology at TIT.

**25/10/2012-04/11/2012:-** Feasibility study for small and medium-sized enterprises - Agricultural Engineers Association in collaboration with the Social Fund for Development - Yemen.

**24-31/03/2012 :-** Attending the Advanced Summer School course on the" **Nutrition and Disease: Biochemical and Molecular Insights** in. International Centre for Genetic Engineering and Biotechnology, Cape Town – South Africa.

**01/05/2009-29/04/2009:-** Fast reading and mind maps - Life Makers Foundation- Yemen.

**05/09/2009 - 13/09/2009 :-** Presentation skills and dumping & The art of dealing with others - Life Makers Foundation - Yemen.

## PERSONAL SKILLS

MOTHER TONGUE(S)

Arabic

English

OTHER LANGUAGE(S)

Replace with language

UNDERSTANDING		SPEAKING		WRITING
LISTENING	READING	SPOKEN INTERACTION	SPOKEN PRODUCTION	
<b>B2</b>	<b>B2</b>	<b>B2</b>	<b>B2</b>	<b>B2</b>
TOEFL, Total Score 550				

## COMMUNICATION SKILLS

Presentation skills and dumping:

I have a long experience in presentation and casting skills. I have obtained certificates and attended many courses, and I am a certified trainer.

ORGANISATIONAL /  
MANAGERIAL SKILLS

JOB-RELATED SKILLS

- Excellent
- I have long experience in more than one field and held many jobs and I was always distinguished in my job skills.

## COMPUTER SKILLS

- Windows, Word, Excel, PowerPoint, Internet, Photoshop and Swish Max. A certificate of completion ICDL from The New Horizons, computer learning centers- Sana'a – Yemen, 2009. Also, I have experience in a design program and video editing. And work with JAP statistical analysis.

## OTHER SKILLS

- Microbiology field, as well as DNA extraction, PCR and RFLP with work other in molecular genetics technique.
- Extraction of scientific research and e-books
- Communication and teamwork, work under any pressure, overcome any problems, the ability to innovate.
- Management and supervision of several scientific forums, most recently Biotechnology Forum for the Arabs.
- I long have experienced practically in (Biotechnology, Biochemistry, Molecular biology, and Cell Biology).
- Certified instructor at the Arab Board: - Training of many university students and teachers in how to write scientific research and proposals, courses in how to take opportunities and scholarships, in the presentation and presentation, and many of the courses that I worked in Yemen and the Arab world.

## PUBLICATIONS

- Ataa AMA, Ataa AMA (2020) Use of CRISPR to Enhance and Combat Human Viral Infections as HIV and SARS-Cov-2. *J Emerg Dis Virol* 5(2): dx.doi.org/10.16966/2473-1846.151
- Genetic Association of CYP2R1, CYP27B1, CYP24A1, and DBP Genes Related to The Vitamin D Metabolic Pathway of Multiple Sclerosis Patients in a Jordanian Population. **It has been submitted for publication and is currently under review**
- Use of Enzyme Lysozyme & anti-bacterial Allicin for food preservation and prevent at damage. (*JBR*) *Journal of Biotechnology Research* - Vol. 16, 2016. *ISSN 2356-6221*
- Use of Enzyme Lysozyme & antibacterial Allicin for food preservation. *World Journal of Biology and Biotechnology* - Vol. 02, 2017. *ISSN 2522-6754, Issue 03, Pages (169-173)*.
- Production Enzyme Invertase by Yeast *Saccharomyces Cerevisiae* using Technology fermentation commentator. *BAOJM-RA-18-029*: BAOJ Microbio, an open access journal, Vol. 4; Issue 1; 030, 2018 *Pages (1-10)*.
- Study of the Effects of YEMECIN Antibiotic on Bacteria Causing Food Corruption and also as a Preservation for Milk, Meat and Canned Food **BIO ACCENT**, *BAOJM-RA-18-029*: BAOJ Microbio, an open access journal, Vol. 4; Issue 2; 034, 2018 *Pages (1-7)*.
- Ataa, Asaad Mohammed A. "Effect of YEMECIN antibiotic on bacteria gram positive *Streptococcus mutans*, *Staphylococcus albus* and gram-negative *E. coli*, *Salmonella typhi*" *The Journal of Microbiology* 7(3 - 2019):150–154.

## PRESENTATIONS

- A multi-landing pad DNA integration platform for mammalian cell engineering
- Total RNA extraction from tissues for microRNA and target gene expression analysis: not all kits are created equal.
- Immunomodulatory Effects of Drugs for Effective Cancer Immunotherapy.
- Substance Dependence, Nicotine, Ethanol, Opiates and Other Opioids and Khat.
- Multigenerational exposure to cerium oxide nanoparticles: Physiological and biochemical analysis reveals transmissible changes in rapid cycling Brassica rapa.
- RNA interference for the treatment of cancer genetic origin.

## PROJECTS

- Genetic Association of *CYP2R1*, *DPB*, and *CYP27B1* Genes Related to The Vitamin D Metabolic Pathway of Multiple Sclerosis Patients in a Jordanian Population.
- The antibiotic Cefepime with some transition elements and study the effectiveness biological.
- Study and biogas production units Fermentations.
- The study of the production of mushroom gardener to improve the quality of food at the table Yemen.
- Production of Enzyme Invertase by Yeast *Saccharomyces cerevisiae* using fermentation commentator technology.
- The impact of translation in the Arab scientific output between the past and the present.
- Mechanisms used to clean Yemeni cities - supervision and implementation. Sewage treatment plant using horseradish.

## CONFERENCES SEMINARS

**October 2020.** The conference, **TWAS/BioVisionAlexandria.NXT 2020**, Innovation and Technology: A Way Forward, accepted to attended.

**22-23.11.2019:-** Orientation Seminar on Presentation Skills, Written Communication, Academic Writing, Proposal Writing, and Job Interview, the DAAD Orientation Seminar for Third Country-Scholarship Holders 2019. Jordan.

**26-27.11.2017:-** Training program (Ethics in Life Sciences Research and Publication) Bibliotheca Alexandrina and **TWAS** Arab Regional Office. Egypt.

**9-10.03.2016 :-** International Exhibition of Inventors 9-10 March- Egypt- **29/02 to 09.03.2016 :-** Theoretical and practical course on “Synthetic and Systems Biology Applications in Bioenergy”, at ICGEB, New Delhi, from 29th Feb. – 9th Mar., 2016

**15.04.2014:-** ASM (American Society Microbiology) workshop on Culture Responsibility: Biological Safety and Launching Bio-Resource Center (BRC), Tamar University, Yemen.

**9-13.03.2014 :-** Second National Meeting of Young Inventors, –9-13 March 2014, Hodeidah University, Yemen.

**18-20.02.2014 :-** First Forum of the Arab entrepreneurs and innovative ideas "About the prospects for economic integration to entrepreneurs and innovators Arabs Cairo – Egypt.

**5-8.12.2013 :-** Ceremony honouring outstanding young people in the Arab peace. with the participation of delegations from 16 Arab countries to honour the 46 young Arab Youth Council award for the Integrated Development of the Arab Youth Excellence, Sharm El-Sheikh, Egypt.

**4-5.12.2013 :-** Conference, (FIKR) under the title of “Enabling Job Creation in the Arab World. at The Ritz-Carlton, Dubai International Financial Centre, Dubai – United Arab Emirates.

**30.10.2013 :-** A seminar on ways of writing scientific research, the American Society for Microbiology Sciences, Tamar University, Yemen.

**14-16.07.2012 :-** The development of teaching methods and academic quality, characterization technology program Biomedical technology, Tamar University, Y.

**18-21.02.2012 :-** First International Conference on Applications of Biotechnology in Agriculture" 18<sup>th</sup> of February 2012, Faculty of Agriculture, Benha University - Egypt

**18-19.10.2010 :-** The First Yemeni Conference of Pharmacy, Aden - Yemen.

## HONOURS AND AWARDS

**2018:-** DAAD Scholarship study master's degree in Jordan University of Science and Technology, Third Country Scholarships for Postgraduate Studies for Students from Palestine.

**2016:-** My name included in Who's Who in the world 2016, Science, America's Biographer Since 1899.

**2016:-** Award for best young Arab world (certificate of appreciation, and the shield of the first class), Society scientists' inventors - Egypt in 2016.

**2016:-** Best environmental invention, the inventors International Exhibition, among 238 international inventor - Egypt in 2016.

**2014:-** Apostle Prize our ideal - in the field of science in building nations – Egypt.

**2014:-** Award volunteer work for young people, the UN - Sanaa – Yemen.

**2013:-** Arab Youth Excellence Award, the seventh session in 2013, the field of scientific research, the first place among many competitors Arabs.

**2013:-** Medal of Honor and Shield Science with honors for Science, University Spirit, United Arab Emirates.

**2011:-** Second place in Dhamar, President's Award for Youth 2010, the field of applied sciences- Yemen.

**2010:-** Certificate of Excellence for scientific research - the College of Agriculture and Veterinary Medicine - Tamar University – Yemen.

**SCIENTIFIC INVENTIONS AND INNOVATIONS**

- Use the mechanism in the microbial environment to purify sewage nature.
  - Control the quality of the microbial environment to produce a high amount of biogas.
  - Anti-discovery of a vital and effective at most types of pathogens and viruses' resistant tumors.
  - Invitation: - Action research experiments Guild inventors in Egypt for search, Study effect of Allicin to virus (C) in mice, from 02/03/2016 to 202/05/2016.
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- A member of the Scientific Association of scientist's inventors – Egypt.
  - A member of the Intellectual Property Organization WIPO – Switzerland
  - A member of SY-FA (Scandinavian Yemeni Friendship Association).
  - A member of ASM (American Society Microbiology, **Member ID: 52409795**).
  - A member of research GATE scientific network.
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