Hanan al-Ashraf (al Achraf), BS, M.Sc

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Education

2017- current Programming of Phd research

2010 **Master of Biotechnology**
Supervisors: Nagim al-Din Sharabi and Ayman Al-Mariri
Lab of microbiology and immunology
Department of Biotechnology
Syrian Atomic Energy Commission & College of Agricultural Engineering
University of Damascus, Syria
in collaboration with the EU (TEMPOS)
Thesis: "**Detection of *E. coli* O157 in some food products, comparison of the techniques (PCR and FT-IR analyzer) with other traditional methods**"

2004 **Bachelor of Microbiology**
College of Biological Sciences
Department of Microbiology
University of Damascus, Syria

Work Experience

2016-current **Supervisor and teacher in the laboratory of physiology**
The medicine faculty
Department of physiology
University of Damascus, Syria

2016 Supervisor in the Science faculty
Department of zoology
University of Damascus, Syria

2008-current **Lecturer of Microbiology**
The Technical Medical Institute
Department of Laboratories
University of Damascus, Syria

2008-2005 **Teacher of biology and Computer (lecture and lab) and**

Training & Certificates

2015	Certificate in bioinformatics. Syrian Atomic Energy Commission, Damascus, Syria.
2013 – 2014	Certificates in three languages: English – basics of Germany – basics of French. Almoeen center for languages.
2007	Certificate in genetic engineering - molecular cloning (Molecular Cloning) Prof. Haegeman,Chairman Laboratory of Eukaryotic Gene Expression and Singnal Transduction University of Belgium in collaboration with BOUGARNE
2007	Certificate in English for Biotechnology **Dr. André BroschHailr**, Biotechnological Commission The German University of Applied Sciences "Weihenstephan"
2007	Certificate in Bioengineering (vital fomenters and regulations surrounding the various organs and control systems) **Dr. Franz Thurner** The German University "Weihenstephan"
2005	Certificate in Project Planning and Development of Communication Skills" Al-Noor Center, Damascus
2005	Course in "human development" and "communicating arts" Afak bilahodod Center, Damascus
2004-2008	Courses on skill of scientific language (writing, reading and public speaking) several centers, Damascus
2003	Certificate in "Innovation and development" Al-Basel exhibit, Ministry of Supply and Internal Trade"

Publications

- Al-Ashraf, Hanan. The reliability of bacterial's culture media compared with biochemical tests (API E-20) and the technique (PCR). Journal of Laboratory Diagnosis, 2009.

Conferences & training courses

- Al-Ashraf, Hanan. The reliability of bacterial's culture media compared with biochemical tests (API E-20) and the technique (PCR). Scientific contribution in the events of the first Conference of scientific researches methodology and academic publication. Ministry of higher education and Damascus University, Syria. 2020.
- Al-Ashraf, Hanan. Microbiological Food safety using biotechnology. Scientific contribution in the first Conference of food technology. The national commission for biotechnology, Damascus, Syria. 2019.
- Al-Ashraf, Hanan. methods of diagnosis of some pathogens using conventional and molecular techniques. Training and lectures in the course. Faculty of sciences, Damascus university, Syria. 2019.
- Al-Ashraf, Hanan. *Escherichia coli* in Syrian food. The eighth annual medical Arab Conference of diseases of the digestive tract and nutrition in children. Lataqia, Syria. 2009.
- A book for children (The Simple Entrance to Invention). Submitted to the Syrian Inventors Association in 2004

Awards& Achievements

2010 Continuing training course for (Msc and phD students) with invitation team.
In collaboration with dentist University

2010 Supervisor on Scientific travel for (medical institute' students).

2002 Top GPA in college

2003 Dean's List

2003-2004 The top certificate and the Basel prize in three consecutive years
The Faculty of Science, Biology Department.

2003-2004 Three top models for (the preparation of bacterial colored membrane – bacteria counter pen - advertising board resistant to strong winds) over 12 candidates.
The Syrian Al-Basel exhibit for creativity and invention

2003 Member of the **Mr. Nizar Firesan's** team - "invitation and development"

Activities & Interests

- Attended several medical conferences: such as the infections in children - and hepatitis B virus.
- Assisted numerous lectures and public seminars, especially those in NLP knowledge in specialized centers (Al-Rashed Center and Afakbilahodod and Roaa House) and cultural centers for a number of trainers and lecturers.
- Followed the cultural centers in a number of lectures related to astronomy.
- I work well on the Internet and I like searching for scientific information in both Arabic and English.
- I interest in following scientific news and like translating them.
- I mastered the work of basic computer hardware and software in addition to a number of programs on montage, pictures, and PowerPoint.
- I have a hobby in literary arts, the practice of writing arts in Arabic and press reports. I published articles in electronic journals and several websites.
- I am interested in community issues, problems and therapies and is also interested in issues of media and it's mechanisms.
- Attended a number of forums: youth thinkers congress - developing technologies of human abilities.
- I have a number of charitable work for poor families in cooperation with the Syrian Red Crescent regular and the Preservation food society.
- I helped the family Protection Society to host emigrant Lebanese families and take care of them in 2006.
- I have good experience in calligraphy