

CURRICULUM VITAE

Dr. Sabah Khaleel



PERSONAL DATA

Full Name: Sabah Mohammad Jbarah Khaleel
Academic Rank: Lecturer/ Associate Professor.
Date of Birth: 15/10/1976
Place of Birth: Al-Mafraq/Jordan
Nationality: Jordanian
Marital Status: Married, has four children
Tel. : **00962799323243**
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Work address: Al al-Bayt University, Faculty of Science, Department of Biological Sciences,
Mafraq 25113, Jordan.

ACADEMIC RECORD

Ph.D degree in Biology (Biochemistry/Biotechnology)

University of Jordan. Faculty of Science- May 2010.

Thesis “**PRODUCTION OF ANTHOCYANIN FROM *Alcea rosea* PLANT USING CELL CULTURE TECHNIQUE**”

Average (3.45 out of 4 – Very good)

Master degree in Biology (Molecular Biology)

Al-al Bayt university. Faculty of Arts and Science- Feb. 2003.

Thesis “**GENDER DETERMINATION AND SPECIES SPECIFICITY OF VARIOUS ANIMAL SPECIES USING THE HUMAN AMELOGENIN SYSTEM**”

Average (85.25 % -Very good).

B. Sc. degree in Biology.

Yarmouk University. Faculty of Science- June 1998.

Average (75.4% - Good).

PROFESSIONAL EXPERINCE

- **University of Jordan: first semester 2005/2006:**
Teaching general biology lab for under graduated students.
- **Courses taught at Al al-Bayt University: 2011 to date**
 - **Dept. of Biological Sciences:**
 - Advanced Biochemistry (404722)
 - Biochemistry (404351)
 - Biochemistry Practical (404352)
 - Biochemistry for nursing (1001107)
 - General Biology (404101)
 - General Biology Practical (404103)
 - General Biology for nursing (404108)

- Tissue culture (404438)
- Immunology
- Cell biology

RESEARCH EXPERIENCE

2006-2010 University of Jordan – Jordan

Research for Ph.D Degree:

PRODUCTION OF ANTHOCYANIN FROM *Alcea rosea* PLANT USING CELL CULTURE TECHNIQUE

This study was carried out to produce anthocyanins from *Alcea rosea* plant using cell culture technique, optimize the conditions necessary to enhance pigment production by cell cultures, identification of the pigment (methanolic extraction, spectral analysis, thin layer chromatography, HPLC), determine the bioactivities of the extracted anthocyanins (lipid and protein antioxidant activities, antimicrobial activity), study their stability under different conditions (heat, pH, light, water activity, and storage time), and to test the extracted product in several food and pharmaceutical systems.

2002-2003 AL-al Byte University –Jordan

Research for Master Degree:

GENDER DETERMINATION AND SPECIES SPECIFICITY OF VARIOUS ANIMAL SPECIES USING THE HUMAN AMELOGENIN SYSTEM

During the course of this investigation, blood samples were collected from 20 male and female of human being, and 50 samples from different types of animals. DNA isolation, electrophoresis, and PCR amplification were carried out to determine the origin and gender of the samples.

COMPUTER SKILLS

Excellent experience in computer software which includes:

- Internet and email skills.
- Statistical Analysis using SPSS.
- ICDL licence

CONFERENCES:

- International Conference of Chemistry and Biosciences ICCB, 2017, Al alBayt University, Jordan.

PUBLICATIONS :

1. **Khaleel, S.M.J.** and Haddadin, M.Y. , 2013.The Enhancement of Hawthorn Leaf Extracts on the Growth and Production of Short Chain Fatty Acids of Two Probiotic Bacteria, *Pakistan Journal of Nutrition*, 12 (2), 144-149.
2. **Khaleel, S.M.J.**, Jaran, A. and Haddadin, M.Y., 2016. Evaluation of Total Phenolic Content and Antioxidant Activity of Three Leaf Extracts of *Ziziphus spina-christi* (Sedr) Grown in Jordan *British Journal of Medicine & Medical Research*, 14(6): 1-8.

3. **Khaleel, S.M.J.**, 2018. Studying the heavy metals composition and the impact of different common solvents on the extraction efficiency of phytochemical secondary metabolites from the leaves of *Ziziphus spina-christi* grown in Jordan. *Pak. J. Nutr.*, 17(8): 392-398.
4. Fawzi Irshaid Irshaid, **Sabah Mohammad Khaleel**, Abdulrahman Mohummad Al-Shudifat and Ahmed Saad Abood, 2018. Effects of smoking and body mass index on serum liver enzyme levels in chronic kidney disease patients on hemodialysis. *J. Med. Sci.*, 18: 114-123.
5. **Khaleel, S.M.J.**, 2018. Anti- α -Glucosidase, Anti- α -Amylase and Anti-Inflammatory Effects of Leaf Extracts of *Ziziphus Spina-christi* (Sedr) Grown in Jordan, *Research Journal of Biological Sciences*, 13, 1-7.
6. **Khaleel, S.M.J.**, Jaran, S.J. and Al-Deeb, T.M. 2019. Antimicrobial and Lipid Peroxidation Inhibition Potential of *Ziziphus spina-christi* (Sedr), a Jordanian Medicinal Plant. *Journal of biological sciences*, 19(2), 131-136.