

**Assistant Professor Dr. Shayma Munqith Abduljabbar Jasim**

**Department: Biology**

**PhD in Biology (Microbiology)**

**Email: Sma975@alfarabiuc.edu.iq**



### **Education**

PhD, Al- Mustansiriyah University, Year 2005

MSc, Al- Mustansiriyah University, Year 2000

BSc, Al- Mustansiriyah University, Year 1997

### **Profile**

- Lecturer, Medical Microbiology department, College of Medicine and health Science, Taiz University " December, 2008 - Yemen".
- Lecturer, Medical Microbiology department, Ibb University "January, 2011- Yemen".
- Assistant professor, Medical Microbiology department, Ibb University since March, 2015-Yemen.
- A faculty member in the Department of Biology / Al-Farabi University College, from 2017 until now.

### **Teaching**

- **Microbial physiology:** It is the science that studies the basic differences between eukaryotic and prokaryotic cells and focuses on the bacterial model to study in terms of structure, growth and how they are adapted to the environment in which they live as well as the metabolic processes that they carry out.

- **Aquatic Soil Microbiology:** It is the science that studies the composition of soil and the distribution of microorganisms according to soil layers and the role of microorganisms in the cycles of elements (carbon - nitrogen - sulfur - phosphorous), As well as its role in the recycling of waste. The course also includes the distribution of microorganisms according to water bodies and their role in water-borne diseases. In addition to the role of microorganisms in the treatment of drinking water and wastewater.

### **Research Focus**

- 9<sup>th</sup> Scientific Conference of Yemeni Biological Society, Ibb University /Yemen 14-15 September 2014.
- 8<sup>th</sup> Scientific Conference of Yemeni Biological Society, Al-Hodayda University /Yemen 5-6 November 2013.

- The 5<sup>th</sup> Saudi Science Conference, Contribution of Science Faculties in the development process of KSA, Umm Al-Qura University, Makkah Al-Mukarramah, 16-18 April 2012.
- 7<sup>th</sup> Scientific Conference of Yemeni Biological Society, Sana'a 28-29 September 2010.
- The 1st Annual International Conference (Environmental Science and Technology) Ibb 1-3 August 2010.
- The 4<sup>th</sup> Saudi Science Conference, Contribution of Science Faculties in the development process of KSA, Taibah University, Al-Madian Al-monawarah, 21-24 March 2010.
- The 6<sup>th</sup> Scientific Conference of Yemeni Biological Society, Taiz 14-15 November 2009.
- The 4th International Scientific Conference, "Genetic engineering and biotechnology" Baghdad University / Iraq 29-30/4/2019.

## **Publications**

- Fadhl Ahmed Saeed Al-gosha'ah; **Shayma Munqith Al-baker1**; Ahmed Yahya Al-gawf. (2013). Synergistic effect of mountain honey and *Argemone mexicana* plant on bacteria associated with wound infections. *Scholars Academic Journal of Biosciences (SAJB)*, 1(6): 277-282.
- Fadhl A. Al-Gosha'ah; **Shayma M. Al-Baker** and Khadijah Y. Al-Hetar. (2014). Bacteriocin typing of *Staphylococcus aureus* which isolated from different sources in Ibb city, Yemen. *Jordan Journal of Biological Sciences (JJBS)*, 7(1): 25-29.
- **Shayma Munqith Al-baker**; Fadhl Ahmed Saeed Al-gasha'a; Samira Hamid Hanash; Ahmed Ali Al-Hazmi. (2014). Prevalence and Evaluation of Antimicrobial Activity of *Dodonaea viscosa* Extract and Antibacterial Agents against *salmonella* Spp. Isolated from Poultry. *Sch. Acad. J. Biosci.*, 2(12B): 901-908.
- **Shayma Munqith Al-baker**; Fadhl Ahmed Saeed Al-gasha'a and Abdullah Qaid Alqudami. (2015). Evaluation of Antibacterial Activity of Metal Nanoparticles against Different Pathogenic Bacteria. *Global Journal of Advance Engineering Technology and Sciences*, 2(2): 1-6.
- Samira Hanash; **Shayma Munqith Al-Baker**; Talal Al-harazi; Mawhoob Alkadasi and Abdulbaset A. Zaid (2015). Prevalence of Pathogenic Bacteria Contaminated Yemeni Current Notes in Taiz City. *Asian J. Pharm. Sci.*, 5(1): 8-11.
- Fadhl A.S. Al-Gasha'a; **Shayma M. Al-Baker**; Jamil M. Obiad and Fadhil A. Alrobiai. (2020). Prevalence of Urinary Tract Infections and Associated Risk Factors Among Patients Attending Medical City Hospital in Baghdad City, Iraq. *American Journal of Infectious Diseases* 2020, 16 (2): 77.84. DOI: [10.3844/ajidsp.2020.77.84](https://doi.org/10.3844/ajidsp.2020.77.84).

## **Affiliations/Activities**

- Member of the Yemeni Biological Society.
- Member of the Yemeni Microbiology Society.
- Member of the Microbiology American Society (ASM).