

# C.V

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## **Educational Background:**

**B.Sc.** university of al-Qadisiysh college of veterinary medicine

**M.Sc.** Bangalore university- indean academy college – india

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## **Positions:**

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**Publons:**

**Teaching:** microbiology subject

## **Research Area**

## **Scientific Societies Membership:**

## **Publications**

**ZnO Nanoparticles-Modified Dressings to Inhibit Wound Pathogens**

**Eugenol-Functionalized Magnetite Nanoparticles Modulate Virulence and Persistence in *Pseudomonas aeruginosa* Clinical Strain**

**Antibiotic resistance features in *Klebsiella pneumoniae* and *Escherichia coli* strains isolated from hospital and community acquired urinary tract infections.**

**Antibiotic resistance determinants of *Acinetobacter baumannii* strains isolated from nosocomial infections**

**Snapshot of resistance and virulence features in ESCAPE strains frequently isolated from surgical wound infections in a Romanian hospital**

## **Courses and conferences**

- 1- Sajjad Mohsin, Mariana Carmen Chifiriuc, phenotypic characterization of virulence features in opportunistic bacterial strains isolated from the hospital patients: Sesiunea Științifică Studentească a Facultății de Biologie – Ediția 19 mai 2018'
- 2- Omar Sadik, Sajjad Mohsin, Othman Almahdawy, Hamzah Basil. Ali abulhussein Mahdi, Dunya A. Al-kurjiya, Otilia Banu, Marcela Popa, Mariana Carmen Chifiriuc, In vitro assay of silver nanoparticles efficiency in comparison with conventional antifungals against planktonic and biofilm-forming *Candida albicans* isolates from hospitalized patients, ECCMID, Amsterdam, Netherlands, 13 – 16 April 2019.
- 3- Alina M Holban, Alexandru M Grumezescu, Ghiță Bianca, Mănăstireanu Denisa, Hamzah Basil Mohammed, Sajjad Mohsin, Mariana Carmen Chifiriuc, Veronica Lazar, Ecaterina Andronescu – Core-shell nanoparticles functionalised with essential oils with antimicrobial activity, Bucharest – Romania 26- 28 September 2018.
- 4- Sajjad Mohsin<sup>1,2</sup>, Hamzah Basil<sup>1,2</sup>, Alina Holban<sup>1,2</sup>, Omar Sadik<sup>1,2</sup>, Mariana Carmen Chifiriuc<sup>1,2</sup>, Grigore Mihaescu<sup>1,2</sup>, Otilia Banu<sup>3</sup>, Husaain Alnimer<sup>2</sup>, Phenotypic investigation of virulence features in opportunistic bacterial strains isolated from the hospital environment, ECCMID, Amsterdam - Netherland, 13-16 April 2019
- 5- Magnetite-based nanosystems for improved wound dressings. Gabriela Dorcioman<sup>1</sup>, Valentina Grumezescu<sup>1</sup>, Irina Negut<sup>1</sup>, Sajjad Mohsin<sup>2</sup>, Alina Maria Holban<sup>2</sup> <sup>1</sup>National Institute for Lasers, Plasma and Radiation Physics, Magurele-077125, Romania, <sup>2</sup>Faculty of Biology, University of Bucharest, Bucharest-077206