**Sinan Ezzat Saeed**

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**EDUCATION:**

**2020 Ph.D. in Molecular Microbiology**

De Montfort University/Leicester/United Kingdom

Thesis title: ‘’Investigation of biofilm development by antibiotic resistant urinary tract infection pathogens and evaluation of antimicrobial activity of Manuka honey on *Escherichia coli* CTX-M-15 biofilms’’.

**2007 M.Sc. in Biotechnology**

College of Science/Al-Nahrain University/Baghdad/Iraq

Thesis title: ‘’Genetic study on the locally isolated *Pseudomonas aeruginosa* and its ability in lectin production’’.

**2001 B.Sc. in Biotechnology**

College of Science/Al-Nahrain University/Baghdad/Iraq.

**WORK EXPERIENCE:**

Full-time Lecturer and lab assistant at University of Mustansiriyah/Baghdad/Iraq since Jul 2003 - Now.

Managing the educational laboratories for the subjects of food microbiology, industrial microbiology, soil microbiology, genetic engineering, and biotechnology

**PUBLICATIONS:**

1. Samarasinghe, S., Durber, K., & Baho, S. (2020). The Efficacy of Antibiotics in the Treatment of Chlamydia Trachomatis Infections during Pregnancy. A Systematic Review and a Meta-analysis.
2. Samarasinghe, S., Baho, S., & Czapnik, P. (2019). Preliminary Analysis of the Anti-biofilm Efficacy of Manuka Honey on Extended Spectrum Β-lactamase Producing Escherichia Coli Tem-3 and Klebsiella Pneumoniae Shv18, Associated with Urinary Tract Infections.
3. Baho, S., & Samarasinghe, S. (2018). Multiple Sequence Alignment of NDM-1 DNA Sequence of Different Carbapenemase Producing Gram-Negatives. GSTF Journal of Nursing and Health Care (JNHC), 92-94.
4. Baho, S., Reid, R., and Samarasinghe, S. (2018). Adaptability to Various Growth Conditions of Biofilm Associated Extended-Spectrum-Beta-Lactamases Producing Bacteria. Journal of Infectious Diseases and Diagnosis, 3(1), 1-9.
5. Zaki, N. H., & Saeed, S. E. (2012). Production, purification and characterization of extra cellular lipase from *Serratia marcescens* and its potential activity for hydrolysis of edible oils. *J Al-Nahrain Univ*, *15*, 94-102.
6. Al-Kareemi, K. K., Sattar, B. A. A., & Saeed, S. E. (2012). Antifungal Activity of Diacetyl Compound against Candida Isolates in Vitro. journal of the college of basic education, 18(75).

**KEY SKILLS AND COMPETENCIES:**

* Good understanding of research methodologies and how to apply them to projects in a research laboratory
* Excellent oral & written communication and presentation skills, with ability to communicate confidently
* Operating laboratory equipment with minimal supervision
* Knowledge of all relevant protocols and equipment
* In-depth experience of working with a variety of microorganisms
* Keeping up with the findings of other researchers and attending conferences
* Laboratory techniques: PCR, qPCR, DNA extraction, RNA isolation, gel electrophoresis.

**MEMBERSHIPS:**

1. Member of British Society for Antimicrobial Chemotherapy (BSAC)
2. Fellow of Institute of BioMedical Science (IBMS)
3. Member of American Society for Microbiology (ASM)