**PERSONAL DETAILS**

**Curriculum Vitae**

**Name:** Firas Muhammed Dawood AL-Tae.



**Date of Birth:** 27/9/1975.

**Nationality:** Iraqi.

**Address*:***  Department of Microbiology and Immunology

College of Medicine

University of Mosul

Mosul

Iraq.

**Tel.Number:** 07727611940

**E-mail Address:** firasaltaee1975@yahoo.com

**ACADEMIC DEGREES**

- **PhD Degree** in Infection and Immunity from **University of Liverpool** / UK on 12/12/2012.

- **M.Sc. Degree** in Medical Microbiology and Immunology from Mosul Medical College, University of Mosul, Iraq on 5/7/2005 with an average mark 88.34%.

- **M.B.Ch.B** in Medicine and Surgery from Mosul Medical College, University of Mosul, Iraq on 30/6/1999 with an average mark of 74.61% ranking 13 out of 133 students.

**POSITIONS FILLED**

- **Head of Microbiology and Immunology Department**, College of Medicine , University of Mosul , Iraq from 25/09/ 2016 to date .

- **Acting Head of Microbiology and Immunology Department** / Mosul Medical College (alternative site / Kirkuk) from 1/10/2015 to 1/ 6 /2016.

- **Lecturer** at Department of Microbiology and Immunology/Mosul Medical College from 12 /8/2013 till now.

- **Assistant lecturer** at Department of Microbiology and Immunology/Mosul Medical College from

5/7/2005 until 12/8/2013.

- **Junior House Officer** (Medical Doctor) in different hospitals and specialities in Iraq from 28/9/1999 to

1/10/2001.

**HONORS AND AWARDS**

**-** Competitive scholarship from Iraqi Government to complete PhD degree in Immunology in UK from 2008 until 2012.

**LABORATORY SKILLS**

More than 10 years' experience in the fields of *IMMUNOLOGY, MICROBIOLOGY, GENETICS* and *MOLECULAR BIOLOGY* within University research units with the following skills:

- Tissue cultures and co-cultures.

- PBMCs separation by Ficoll gradient technique.

- Magnetic separation of diffeerent cell populations such as NK and CD4+Tcells (positive and negativeselection).

- ELISA.

- Flow cytometry including intracellular staining.

- Transmigration Assays using Transwell plate and flowcytometry counting beads.

- PCR(Conventional and Real Time Quantitative PCR).

- Molecular cloning including primer design for cloning.

- RNA extraction and reverse transcription.

- Overlap-Extension PCR.

- Agarose-Gel electrophoresis.

- Restriction enzyme digestion and T4 ligation.

- Mini-, midi-and maxi-prep purification of plasmids.

- Transformation in to E.Coli.

- Transfection of mammalian cells (transient and stable.)

- DNA extraction and purification from cells , tissues and agarose gel.

- Generation of Fc–Fusion proteins and their purification by affinity chromatography usingA and G beads.

- Site directed mutagenesis.

- Expression of mutant versus wild type copies of candidate genes.

- DNA and Plasmid sequencing using Sangar method.

- SDS-Page electrophoresis and Coomassie Brilliant Blue staining.

- Western blotting.

- Affinity Chromatography.

- Using Ingenuity Variant Analysis bioinformatics tool.

- Diagnostic Microbiology.

- Immunology and Serology.

**COMPUTER SKILLS**

- Windows, Microsoft Office, Internet and some bioinformatic tools.

**LANGUAGE SKIILS**

- Arabic (native)

- English (Professional)

- Kurdish ( intermediate)

**PUBLICATIONS**

- Inhibitory effect of Bacteriophages isolated from Sewage Water in the City of Kirkuk on Some Types of Human Pathogenic bacteria. 2017. Baghdad Science Journal.14(4):727-34

- Effect of Exposure to CO2 Laser on Antibiotic Sensitivity of Different Bacteria Isolated from Patients

Attending Mosul General Hospital. 2017. Int. J. of Adv. Res. 5 (4). 427-36.

- Biology of Interleukin-6 Production by Human Natural Killer Cells, PhD thesis, University of Liverpool, UK,

2012.

- Estimation of the Total and Free PSA Together with Other Parameters in the Diagnosis of Benign Hypertrophy and Malignancy of the Prostate, MSc thesis, University of Mosul, Iraq, 2005.

**REFERENCES OF RECOMMENDATION**

**Dr. Laszlo Pazmany**

*Non clinical Seniorlecturer University of Liverpool Department of Medicine*

*Institute of Ageing and Chronic Diseases*

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**Dr. Steve Christmas** *Senior lecturer University of Liverpool*

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**Dr. Shehab Ahmed Yaseen,** PhD.(University of Ottawa, Canada) ,

*Professor of Microbiology and Immunology*

*Head of Microbiology and Immunology Department*

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**Dr. AbdulsalamM.AL-Mukhtar**, Ph.D.(University of Salford, U.K),

*Professor of Microbiology and Parasitology*

*Ex-Head of Microbiology and Immunology Department*

*College of Medicine, University of Mosul, Iraq*

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