

Taib Ahmed Hama Soor

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Birth Year| March 1977
Male| Single| Iraqi-Kurdish Nationality
Living Place: Iraq

ACADEMIC EDUCATION & QUALIFICATIONS

University of Sheffield- Molecular Biology and Biotechnology	PhD in Molecular Biology and biotechnology
Thesis title:	Mutational and Biochemical Analysis of Yeast Exoribonuclease Rex1
PhD is awarded:	September 2012 -September 2018
Supervised by:	Dr Phil J. Mitchell
University of Sulaimani- College Veterinary Medicine	MSc in Veterinary Virology
Thesis Title:	Serological survey of Newcastle Disease in Sulaimani province
Master is awarded	December 2005- February 2008
University of Sulaimani- College Veterinary Medicine	BSc Honors in Veterinary Medicine and Surgery
BSc is awarded	1998-2002
Project title:	The prevalence of Brucellosis in Milk of Ruminants

SELECTED RESEARCH SKILLS &TECHNIQUES

Molecular Biology Techniques

- Genomic and plasmid DNA Extraction
- Plasmid Preparation
- Southern blot hybridization
- PCR, primer construction, ligation
- Standard Molecular cloning and
- Generation of gene knockouts
- And Homologous Recombination
- Gene engineering (Site directed Mutagenesis (SDM)) SDM
- Total Cellular RNA Extraction
- Cellular 5S rRNA purification
- Northern blot hybridization
- Random mutagenesis library construction
- Homologous recombination-based Transformation cloning Technique
- Protein Domain Swap Mutation
- Recombineering in E. coli and yeast
- Generation of protein truncation through

Protein Biochemistry Techniques

- Protein isolation
- Protein gel electrophoresis
- Western blotting
- Gel Filtration Chromatography (HPLC).
- RNA processing in vivo and in vitro
- Generation of Tap or GFP Tagged Protein (or any other tag insertion).
- Analysis of protein-protein interaction By Co-immunoprecipitation (Co-IP).
- Recombinant protein expression in E. Coli
- Protein purification
- Protein-RNA binding assay
- Glycerol gradient ultracentrifugation
- GFP microscopy
- RNA CRAC analysis technique
- Analysis of Piggyback carrier proteins
- Analysis of protein localization
- Yeast and bacterial protein Expression
- Membrane filtration
- Enzymatic assays (Exoribonuclease)
- Yeast growth and Functional assays

Serological Techniques

- ELISA (Direct and Indirect)
- Haemagglutination Test
- Haemagglutination Inhibition Test

Bioinformatics

- GenBank searching: BLAST, PSI- Protein sequence analysis tools: wide BLAST use of ExpASy website resources
- Multiple sequence alignments

Conference Attendance

RNA-UK, Windermere, UK (January 2016) - presented poster: "Functional Analysis of Exoribonuclease Rex1.

The British Yeast Group Meeting (BYG), Swansea (June 2016) - presented poster: "Functional Analysis of Exoribonuclease Rex1.

WORKING EXPERIENCE AND TEACHING ACTIVITIES

University of Sulaimani
College of Veterinary Medicine
2002-2005

Demonstrator
Supervision of level 1,3 and 5 undergraduate students in practical veterinary medicine Lab, clinic and Session and Lab managements.

University of Sulaimani
College of Veterinary Medicine
2007-2012.

Assitant- Lecturer
Teaching subjects: Biology and Microbiology and food hygiene.

Recent Working experience in molecular biology

10 weeks Working experience in Sinotau Biopharmaceutical company, Beijing –China, July 2018-September 2018

Production of Monoclonal Antibody, TIF Antibody, CrossMAb antibody.
Monoclonal Antibody production against Pancreatic and colorectal cancer cells marker, CA19-9.

Cell culture: HEK 293 for antibody expression and production.
Colo 205 bearing Ca199 biomarker for antibody binding test.
Preparing and maintaining cell culture and harvesting.

Flow Cytometry to test binding ability of antibody to cancer cell culture bearing CA199 (Colo 205).

ELISA to measure the expression level of monoclonal antibody.

Language Skills

Kurdish (Mother Language), Arabic, and English.

Driving experience

Driving experience: Roads driving experience in Iraq and England 11 years
Driving license: Full UK driving license and Iraqi driving license