CURRICULUM VITAE
MUHARIB FARIS ALRUWAILI

PERSONAL DATA

HOME ADDRESS

Sakaka, Jouf region, Saudi Arabia

OFFICE ADDRESS

Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Jouf University, Sakaka, Jouf region, Saudi Arabia
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EDUCATION AND TRANINING

EDUCATION

Visiting Doctoral Student 2020 - 2022
Johns Hopkins University – Johns Hopkins Bloomberg School of Public Health
Ph.D. in Tropical Medicine 2018 - 2022
Tulane University - School of Public Health and Tropical Medicine
M.S. in Biomedical Sciences (Microbiology and Infectious Diseases) 2016 -2018
Long Island University Post - School of Health Professions and Nursing
B.A. in Clinical Laboratory Sciences 2008 - 2014
Jouf University – College of Applied Medical Sciences

TRAINING

Internship Training Program January 2013 - January 2014
King Abdulaziz University Hospital - College of Medicine – King Saud University
Cell and Molecular Biology Training Course, June 2012 - July 2012
Sheffield Hallam University – College of Health, Wellbeing and Life Sciences

RESEARCH EXPERIENCES

1- PhD. Dissertation Title: Genetic Diversity, Multiplicity of Infection and Prevalence of Sulfadoxine- Pyrimethamine Resistance Markers in *Plasmodium Falciparum* Among Pregnant Women Attending Antenatal Care Clinics in Rwanda. 2022
Advisor: David Sullivan, M.D. Johns Hopkins University
2- Laboratory Rotation: Characterize *Trypanosoma cruzi* Genotype Using Molecular Markers. 2019
Advisor: Claudia Herrera, Ph.D. Tulane University
3- M.S. Thesis Title: Impact of Diet on *Drosophila Melanogaster* Susceptibility to Microbial Infections. 2018
Advisor: Theodore Brummel, Ph.D. Long Island University
4- B.A. Thesis Title: Protective Effects of Olive Leaf Extract on Carbon Tetrachloride induced Hepatic Damage in Rabbits, 2014
Advisor: Ismail Osman, Ph.D. Jouf University

SKILLS

Techniques: Polymerase chain reaction (PCR), Gel electrophoresis, Ligase detection reaction fluorescent microsphere assay (LDR-FMA), designing new ligase primers, DNA extraction, maintain and purify bacterial cell culture, prepare solid and broth bacterial media, perform antibiotic sensitivity test, use light microscope.
Technical skills: Data analysis SPSS, Excellent writer, Advanced skills for Microsoft office (Excel, Word , PowerPoint)

TEACHING

Teaching assistant for Malariology course, Johns Hopkins Bloomberg School of Public Health, third term 2021-2022

HONORS AND AWARDS

1: Outstanding Graduate Student Biomedical Science, School of Health and Professions Nursing, Long Island University, 2018
2: Alpha Eta Society, School of Health and Profession and Nursing, Long Island University, 2018
3: Received Second Honors Degree, Jouf University, 2014

CONFERENCE ATTENDED

1-Applied Medical Sciences Students Annual Meeting, King Abdulaziz University, 2013
2- Great Debates and Updates in Hematologic Malignancies, New York, 2018
3- American Society of Tropical Medicine & Hygiene Annual Meeting, Seattle 2022

LANGUAGES

Arabic: Fluent
English: Proficient

REFERENCES

1- David Sullivan, Professor
Johns Hopkins University, dsulliv7@jhmi.edu
2- Gary Ketner, Professor
Johns Hopkins University, gketner1@jhu.edu
3- Ronald Blanton, Chair of Tropical Medicine
Tulane University, rblanton1@tulane.edu
4- Seetha Tamma, Professor
Long Island University, stamma@liu.edu

PUPLICATIONS

1- Muharib Alruwaili, Rubayet Elahi , Donelly A. van Schalkwyk, Colin J. Sutherland, Theresa Shapiro , Sean T. Prigge, and David Sullivan. Creating and validating ligase primers to detect single nucleotide polymorphisms associated with atovaquone resistance in *Plasmodium falciparum*. *The American journal of tropical medicine and hygiene*. (2023).