

CURRICULUM VITAE

Personal Information

Name: Rania Issa Nassar

Date of Birth: 30 March 1980

Nationality: Jordanian

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Current Appointment

Sept. 2015: **Research Associate**, Microbiology and Immunology Department, College of Medicine, Alfaisal University, Riyadh, KSA.

Mar. 2016(Part time): **Lab Safety Officer**, Facility Department, Alfaisal University, Riyadh, KSA.

Academic Certification

Feb. 2007: **M.Sc.** in Medical Laboratory Sciences, The University of Jordan, Amman, Jordan.

June. 2003: **B.Sc.** in Medical Laboratory Sciences, Jordan University of Science and Technology, Irbid, Jordan.

Work Experience

- Sept. 2011-Sept.2015: **Biology Lab Instructor**, College of Science and Social Studies, Alfaisal University, Riyadh, KSA.

Duties:

- Participating in design lab courses components in life science program.
- Preparing laboratory syllabi under the guidance of professorial courses.

- Teaching laboratory courses: General Biology, Molecular Biology, Microbiology and Biochemistry (DNA extraction, PCR, Electrophoresis, Ligation and Transformation, Protein Electrophoresis, Chromatography, ELISA...).
 - Preparing hand-outs for each lab session.
 - Demonstrating experimental techniques.
 - Supervising and grading students' tests.
 - Lab safety responsibility.
- Apr. 2004 -May.2009: **Senior Medical Technologist**, Haematology Department, Princess Iman for Research and Laboratory Sciences Center, King Hussein Medical Center, Amman, Jordan.

Duties:

- ❖ Flow cytometry: BD FACS Calibur flow cytometer:
 - Processing specimens for Flow Cytometry including bone marrow aspirates, peripheral blood, FNA-s and body fluids for Immunophenotyping of leukaemia and lymphoma, diagnosis of immunodeficiency, diagnosis of PNH and STEM CELLS counting for BMT.
 - Staining processed specimens using monoclonal antibodies.
 - Acquiring and analysing stained specimen data on multi-colour flow cytometers.
 - Flow cytometry gating principles.
 - Preparing reagents for use in the Flow laboratory.
- ❖ Receiving specimens and performing Variety of clinical tests.
- ❖ Performing a daily quality control.
- ❖ Training freshly graduated medical laboratory sciences students in haematology department.
- ❖ Part of the team that set up all the requirements to comply with ISO standards.
- ❖ Practical experience and exposure of cell biology assays and techniques including working with primary cells, culture of cell lines, proliferation assays, ELISA assays, flow cytometer.

Grants

- PI of the grant study in collaboration with a team from the Tokyo Medical and Dental University in Japan funded by IRG grant 2014 /Alfaisal University “Antimicrobial effect of natural agent on *Enterococcus faecalis*” (Publication under process).
- PI of the grant study funded by IRG grant 2016/Alfaisal University “ In vitro antimicrobial activity of several concentrations of phytic acid, phosphoric acid and sodium hypochlorite in elimination of endodontic pathogen” (work in progress).

Conferences

- Poster Presentation at the 1st Gulf Congress of Clinical Microbiology and Infectious Diseases (GCCMID) (Dubai UAE, 4th -7th May 2016): Antimicrobial effect of naturally occurring agent on *Enterococcus faecalis*
- Poster Presentation at the 5th Saudi International Medical Education Conference (SIMEC) (Riyadh KSA, 8th-12th April 2016): Designing Microbiology laboratory sessions in a problem based learning curriculum: Impact of using a problem solving Ethos.
- Oral Presentation at the 17th Scientific Day for Nursing and Allied Health Professions (Amman Jordan, 22nd April-2009): Hereditary spherocytosis diagnosed by osmotic fragility test.
- The 16th Scientific Day for Nursing and Allied Health Professions (Amman Jordan, 23rd April-2007): Comparison between semi-automated reticulocyte count performed by coulter maxm analyzer and manual visual method.

Licences

- Senior Specialist (Medical technology), Saudi Commission for Health Sciences, Riyadh, KSA.
- Specialist (Medical technology), Ministry of Health, Amman, Jordan.