



Name: Lojain Ibrahim AlJohani

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Major Professor: Dr. Manish Patankar

Degree Objective: Endocrinology and Reproductive Physiology

Background:

- 2014-2019 Worked as a Medical Laboratory Technologist “Chemistry section” in King Fahd Military Medical Complex, Dhahran, Saudi Arabia.
- 2008-2013 undergraduate degree - Clinical Laboratory Sciences, in Prince Sultan Military College of Health Sciences, Dhahran, Saudi Arabia.

Current Research Project:

Exploring the MUC16 / Siglec-9 interaction to develop novel diagnostics and therapies against ovarian cancer.

By studying the inhibitory signaling pathway of the glycoimmune checkpoint of siglec-9 which is an inhibitory immune cell receptor expressed on immune cells, when it binds to MUC16 that is overexpressed by ovarian cancer and test the novel peptide/glycopeptide mimetic siglec-9 ligand in immune cells.

Honors: Full scholarship for MS studies, Saudi Arabian government

Grants Received:

Publications:

González G, Lakatos K, Hoballah J, Fritz-Klaus R, Al-Johani L, Brooker J, Jeong S, Evans CL, Krauledat P, Cramer DW, Hoffman RA, Hansen WP, Patankar MS. Characterization of Cell-Bound CA125 on Immune Cell Subtypes of Ovarian Cancer Patients Using a Novel Imaging Platform. *Cancers (Basel)*. 2021 Apr 25;13(9):2072. doi: 10.3390/cancers13092072. PMID: 33922973; PMCID: PMC8123299.

National Presentations:

Other Presentations:

Teaching and Mentorship:

ERP Service: