

Curriculum Vitae

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Narjes Saheb Sharif-Askari

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Education

PhD Universiti Sains Malaysia, Clinical Pharmacy **2011-2015**

Research Title:

Medication Utilization, Effectiveness, and Safety Among Hospitalized Heart Failure Patients in Dubai, United Arab Emirates

M.Pharm. Universiti Sains Malaysia, Clinical Pharmacy **2010-2011**

Research Title:

A Retrospective Review of Drug-Related Problems Among Hospitalized Heart Failure Patients in Penang, Malaysia

B.Pharm. (Honours) Ajman University 2006-2010

Awards:

SANGGAR SANJUNG publication awards 2014, Universiti Sains Malaysia

Hospital Experience

- 1- Penang General Hospital, Malaysia, Period (2010-2011)
- 2- Dubai Hospital and Rashid Hospital (CCU and Cardiology wards), United Arab Emirates, Period (2012-2013)
- 3- Sina Hospital (ICU, Cardiology ward, and Internal medicine ward), Period (22/10/2017-18/2/2017)

Academic Experience

- 1- Postdoctoral research associate, University of Sharjah, Period (2017- Present)
- 2- Collaborate researcher, Karolinska Institute, Sweden, Period (2014-2015)
- 3- Collaborate researcher, Dubai Health Authorities, Period (2012-2014)

Research interests

Interacted with many researchers from diverse fields for co-authored research work. My main areas of research interest are immunometabolism, auto-immune and inflammatory conditions.

Bioinformatics, Biostatistics and Pharmaco-Epidemiology

- Genomic sequence analyses
- Modeling and structural work
- Advanced mathematical modeling and algorithm development
- Clinical translational research
- Epidemiological modeling of the disease and risk prediction modeling
- Pharmacoeconomic investigation
- Conducting observational and propensity analysis
- Individualization of medication treatment among patients with chronic disease and end organ failure through design and development of hazard and logistic regression model
- Investigation of medication safety and utilization through pharmaco-epidemiological and pharmacovigilance studies
- Development of methods for identification, treatment and prevention of medication related problems among patients with complex drug regimens.

Referee for Journals

publons.com/a/1259381/

- Therapeutic and Clinical Risk Management
- Pharmacoepidemiology and Drug Safety
- ESC Heart Failure
- BMJ Groups
- Drugs- Real World Outcomes
- Scientific report

Publications

1. **Saheb Sharif-Askari N**, Sharif-Askari, FS, Mdkhana, B, Al Heialy, S, Alsafar, HS, Hamoudi, R, Hamid, Q, and Halwani R. (2020). Enhanced expression of immune checkpoint receptors during SARS-CoV-2 viral infection. *Molecular Therapy - Methods & Clinical Development*. 2021;20:109-21.
2. **Saheb Sharif-Askari N**, Saheb Sharif-Askari, F, Mdkhana, B, Al Heialy, S, Ratemi, E, Alghamdi, M, Abusnana, S, Kashour, T, Hamid, Q, and Halwani, R (2020). Effect of common medications on the expression of SARS-CoV-2 entry receptors in liver tissue. *Arch Toxicol*. <https://doi.org/10.1007/s00204-020-02869-1>.
3. **Saheb Sharif-Askari N**, Fatemeh Saheb Sharif-Askari, Masha'el Alabed, Ahmad Abou Tayoun, Tom Loney, Mohammed Uddin, Abiola Senok, Saba Al Heialy, Rifat Hamoudi, Tarek Kashour, Alawi Alsheikh-Ali, Qutayba Hamid, and Rabih Halwani. Effect of Common Medications on the Expression of SARS-CoV-2 Entry Receptors in Kidney Tissue. *Clin Transl Sci*. cts.12862.
4. Muhammad, JS, **Saheb Sharif-Askari, N**, Cui, Z-G, Hamad, M, and Halwani, R (2021). SARS-CoV-2 infection-induced promoter hypomethylation as an epigenetic modulator of Heat Shock Protein A1L gene. *Frontiers in Genetics* 12: 129.
5. Goel S, Saheb Sharif-Askari F, **Saheb Sharif Askari N**, Madkhana B, Alwaa AM, Mahboub B, et al. (2021). SARS-CoV-2 Switches 'on' MAPK and NF κ B Signaling via the Reduction of Nuclear DUSP1 and DUSP5 Expression. *Front Pharmacol*. ;12:631879.
6. Saheb Sharif-Askari F, **Saheb Sharif Askari N**, Goel S, Mahboub B, Ansari AW, Temsah M-H, et al. Upregulation of IL-19 cytokine during severe asthma: a potential saliva biomarker for asthma severity. *ERJ Open Research*. 2021:00984-2020.
7. Alghamdi, M.A., Mulla, J., **Saheb Sharif-Askari N**, Guzmán-Vegac, F.J., Arold, S.T., Abd-Alwahed, M., Alharbi, N., Kashour, T. and Halwani, R., 2020. A Novel Biallelic STING1 Gene Variant Causing SAVI in Two Siblings. *Frontiers in Immunology*, 11, p.3509.
8. Sharif-Askari, F.S., **Saheb Sharif-Askari N**, Goel, S., Fakhri, S., Al-Muhsen, S., Hamid, Q. and Halwani, R. Are patients with chronic rhinosinusitis with nasal polyps at a decreased risk of COVID-19 infection? *Int Forum Allergy Rhinol*. 2020; 10.
9. Mdkhana, B, **Saheb Sharif-Askari, N**, Rakhee K., R, Swati,G, Qutayba, H, and Rabih H (2021). Nucleic acid-sensing pathways during SARS-CoV-2 infection: expectations versus reality. *Journal of Inflammation Research*. 14: 199-216.
10. Ansari, AW, Sharif-Askari, FS, Jayakumar, MN, Mohammed, AK, **Saheb Sharif-Askari N**, Venkatachalam, T, Mahboub, B, Schmidt, RE, Hamoudi, RA, Halwani, R, et al. (2020).

Azithromycin Differentially Alters TCR-Activated Helper T Cell Subset Phenotype and Effector Function. *Front Immunol* 11: 556579.

11. **Saheb Sharif-Askari N**, Saheb Sharif-Askari F, Alabed M, Temsah M-H, Al Heialy S, Hamid Q, Halwani R. Airways Expression of SARS-CoV-2 Receptor, ACE2, and TMPRSS2 Is Lower in Children Than Adults and Increases with Smoking and COPD. *Molecular Therapy - Methods & Clinical Development* 2020; 18:1-6.
12. **Saheb Sharif-Askari N**, Sharif-Askari FS, Al Heialy S, Hamoudi R, Kashour T, Hamid Q, Halwani R. Cardiovascular medications and regulation of Covid-19 receptors expression. *International Journal of Cardiology Hypertension* 2020:100034.
13. Bendardaf R, Saheb Sharif-Askari F, **Saheb Sharif-Askari N**, Yousuf Guraya S, AlMadhi S, Abusnana S. Incidence and Clinicopathological Features of Breast Cancer in the Northern Emirates: Experience from Sharjah Breast Care Center. *Int J Womens Health*. 2020; 12:893-899. Published 2020 Oct 27. doi:10.2147/IJWH.S266335
14. Saheb Sharif-Askari F, Al-Khayyal N, Talaat I, Saheb Sharif-Askari N, Rawat S, Jundi M, Syrjanen K., Hamoudi R, Bendardaf R. (2018) Immunohistochemical Assessment of TNFAIP3/A20 Expression Correlates with Early Tumorigenesis in Breast Cancer. *Anticancer Res*. doi: 10.21873/anticancer.11xxx (2021).
15. Saheb Sharif-Askari F, **Saheb Sharif-Askari N**, Halwani R, Abusnana S, Hamoudi R, Sulaiman N. Low Vitamin D Serum Level Is Associated with HDL-C Dyslipidemia and Increased Serum Thrombomodulin Levels of Insulin-Resistant Individuals. *Diabetes Metab Syndr Obes*. 13:1599-1607 (2020).
16. **Saheb Sharif-Askari N**, Saheb Sharif-Askari F, Guraya SY, Bendardaf R, Hamoudi R. Integrative systematic review meta-analysis and bioinformatics identifies MicroRNA-21 and its target genes as biomarkers for colorectal adenocarcinoma. *International Journal of Surgery*. 73:113-22 (2020).
17. Saheb Sharif-Askari, F., **N. Saheb Sharif-Askari**, A. Guella, A. Alabdullah, H. Bashar Al Sheleh, A. Maher Hoory AlRawi, E. Sami Haddad, Q. Hamid, R. Halwani and R. Hamoudi (2020). "Blood Neutrophil-to-Lymphocyte Ratio and Urine IL-8 Levels Predict the Type of Bacterial Urinary Tract Infection in Type 2 Diabetes Mellitus Patients." *Infection and drug resistance* 13: 1961-1970.
18. **Saheb Sharif-Askari N**, Sharif HA, Saheb Sharif-Askari F, Hamid Q, Abusnana S, Hamoudi R. Association between body mass index and asthma severity in Arab pediatric population: A retrospective study. *PLoS ONE* 14 (12), e0226957 (2019).

19. **Saheb Sharif-Askari N**, Hamoudi R, Saheb Sharif-Askari F, Abusnana S, Aljaibeji H, Taneera J, et al. Prediabetes and diabetes prevalence and risk factors comparison between ethnic groups in the United Arab Emirates. *Scientific Reports*. 9(1):17437 (2019).
20. Saheb Sharif-Askari F, Sobti A, **Saheb Sharif-Askari N**, Hachim MY, Williams L, Zhou Y, Hopper C, Hamoudi R. Logistic regression prediction model identify type 2 diabetes mellitus as a prognostic factor for human papillomavirus-16 associated head and neck squamous cell carcinoma. *PLOS ONE* 14, e0217000, (2019).
21. Bendardaf R, Saheb Sharif-Askari F, **Saheb Sharif-Askari N**, Syrjanen K. & Pyrhonen S. Cytoplasmic E-Cadherin Expression Is Associated with Higher Tumour Level of VEGFA, Lower Response Rate to Irinotecan-based Treatment and Poorer Prognosis in Patients With Metastatic Colorectal Cancer. *Anticancer Research* 39, 1953-1957 (2019).
22. **Saheb Sharif-Askari N**, Bendardaf R, Saheb Sharif-Askari F, El Tabbal A, El Ayan. Patterns of bladder cancer in the Benghazi, Libya over the past three decades. *Scientific Reports* 8, 10822, (2018).
23. Bendardaf R, Saheb Sharif-Askari F, **Saheb Sharif-Askari N**, Syrjanen K. & Pyrhonen S. (2018) Patients with hMLH1 or/and hMSH2-deficient Metastatic Colorectal Cancer Are Associated with Reduced Levels of Vascular Endothelial Growth Factor-1 Expression and Higher Response Rate to Irinotecan-based Regimen. *Anticancer Res November* 38 (11) 6399-6404 (2018).
24. Saheb Sharif-Askari, F., **Saheb Sharif-Askari N**, Syed Sulaiman SA. Anticoagulation Therapy in Patients with Chronic Kidney Disease. *Adv Exp Med Biol* 906: 101-114 (2017).
25. Saheb Sharif-Askari F, **Saheb Sharif-Askari N**, Javadi M, Gholami K. Adverse Drug Reactions Reported to the Drug and Poison Information Center of Tehran, Iran. *PLoS ONE*12(9): e0185450 (2017).
26. **Saheb Sharif-Askari N**, Syed Sulaiman SA, Saheb Sharif-Askari F, Al Sayed Hussain A. Adverse drug reaction-related hospitalisations among patients with heart failure at two hospitals in the United Arab Emirates. *Int J Clin Pharm* 37(1): 105-112 (2015).
27. **Saheb Sharif-Askari N**, Syed Sulaiman SA, Saheb Sharif-Askari F, Al Sayed Hussain A, Tabatabai S, Abdullatif Al-Mulla A. Hospitalized heart failure patients with preserved vs. reduced ejection fraction in Dubai, United Arab Emirates: a prospective study. *Eur J Heart Fail*. 16(4): 454-460 (2014).
28. **Saheb Sharif-Askari N**, Syed Sulaiman SA, Saheb Sharif-Askari F, Al Sayed Hussain A, Abdullatif Al-Mulla A. Assessment of guideline adherence in hospitalised heart failure patients with systolic dysfunction in Dubai, United Arab Emirates. *Int J Cardiol* 172 (3):e491-e493 (2014).

29. Saheb Sharif-Askari F, Syed Sulaiman SA, **Saheb Sharif-Askari N**, Al Sayed Hussain A Development of an Adverse Drug Reaction Risk Assessment Score among Hospitalized Patients with Chronic Kidney Disease. PLoS ONE 9(4): e95991(2014).
30. Saheb Sharif-Askari F, Syed Sulaiman SA, **Saheb Sharif-Askari N**, Al Sayed Hussain A, Railey MJ. Adverse Outcomes of Anticoagulant Use among Hospitalized Patients with Chronic Kidney Disease: A Comparison of the Rates of Major Bleeding Events between Unfractionated Heparin and Enoxaparin. PLoS ONE 9(9): e106517 (2014).

Book Chapter

Saheb Sharif-Askari F, Syed Sulaiman SA, **Saheb Sharif-Askari N**. Anticoagulation Therapy in Patients with Chronic Kidney Disease. In: Thrombosis and Embolism: from Research to Clinical Practice: Springer, In press.

Conference Papers

Saheb Sharif-Askari N, Syed Sulaiman SA, Saheb Sharif-Askari F. Adverse drug reaction-related hospitalisations in heart failure patients. DUPHAT: Dubai International Pharmaceuticals & Technologies, March 10-12th 2014. Abstract and oral Presentation.

Saheb Sharif-Askari F, Syed Sulaiman SA, **Saheb Sharif-Askari N**. Development of An Adverse Drug Reaction Risk Assessment Score Among Hospitalized Patients with Chronic Kidney Disease. DUPHAT: Dubai International Pharmaceuticals & Technologies, March 10-12th 2014. Abstract and oral Presentation.

Saheb Sharif-Askari N, Syed Sulaiman SA, Saheb Sharif-Askari F. Factors Associated with ACE Inhibitors/Angiotensin II Receptor Antagonists Underutilization among Hospitalised Heart Failure Patients in a Middle Eastern Country. ACCP13: The Asian Conference on Clinical Pharmacy, September 13-15th 2013. Abstract.

Saheb Sharif-Askari F, Syed Sulaiman SA, **Saheb Sharif-Askari N**. Adverse Outcomes of Anticoagulant Use in Hospitalized Patients with Chronic Kidney Disease: A Propensity Analysis Study. ACCP13: The Asian Conference on Clinical Pharmacy, September 13-15th 2013. Oral Presentation.