

2022 Performance Report

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Employment History

09-2019	Assistant Professor in Medical Sciences (KSU ID 127435)
	Biochemistry Department, College of Science, KSU, Riyadh, KSA

Publications and Research Performance Indices

Summary of Citations (December 20, 2022)

Citation Database	Articles		H-Index		Citations	
	2021	2022	2021	2022	2021	2022
Google Scholar	214	236	38	45	4177	5292
Pure (MoE – Saudi Arabia)	128	143	31	36	2660	3463
Web of Science	180	201	30	34	2526	3213

Summary of Works for 2022

2022 Publications (Published Articles + Accepted + Abstracts)	20 + 2 + 5
Published Book	1
Scientific Awards	3
Community Service Awards	2
Post-Graduate Students Co-supervised	5
On-going grants	4
Attended Conferences and Workshops	8

22 Research Publications

	Published Papers for 2022	IF
1	Amer OE, Sabico S , Sheshah E, Alotaibi NH, Aldisi DA, Enani MA, Aljohani NJ, Alshingetti N, Alomar SY, Hussain SD, Alnaami AM, Elsaid MA, Al-Daghri NM, Alkail MS. Evaluation of 34 Cytokines and Vitamin D Status Reveal A Sexually-Dimorphic Active Immune Response to SARS-CoV-2. <i>Healthcare</i> 2022 ; 10 (12): 2571.	3.16
2	Alsuhaibani MN, Aljuraiban GS, Aljazairy EA, Abudawood M, Hussain SD, Alnaami A, Sabico S , Al-Daghri N, Al-Musharaf S. Dietary polyphenols in relation to gut microbiota composition. <i>Metabolites</i> 2022 ; Accepted December 17, 2022	5.581
3	Al-Daghri NM, Yakout S, Sabico S , Wani K, Hussain SD, Aljohani N, Uday S, Hogler W. Establishing the prevalence of osteomalacia in Arab adolescents using biochemical markers of bone health. <i>Nutrients</i> 2022 ; 14(24): 5354.	6.706
4	Mahzari M, Al Sohaim A, Al Mula A, Al Saif A, Al Amri K, Hussain SD, Sabico S , Al-Daghri N, Al-Saleh Y. Variations in cortisol response in Arab patients with known and suspected adrenal insufficiency. <i>Medicine</i> 2022 ; Accepted Dec 13, 2022	1.817
5	Al-Musharaf S, Aljuraiban GS, Al-Ajllan L, Al-Khaldi N, Aljazairy E, Hussain SD, Alnaami AM, Sabico S , Al-Daghri N. Vitamin B12 status and gut microbiota among Saudi females. <i>Foods</i> 2022 ; 11(24): 4007.	5.561

6	Veronese N, Honvo G, Bruyere O, Rizzoli R, Barbagallo M, Maggi S, Smith L, Sabico S , Al-Daghri N, Cooper C, Pegreddi F, Reginster JY. Knee osteoarthritis and adverse health outcomes: an umbrella review of meta-analyses of observational studies. <i>Aging Clin Exp Res</i> 2022 ; Accepted Oct 20, 2022.	4.481
7	Influence of adiposity in the gut microbiota composition of Arab women. Aljazairy EA, Al-Musharaf S, Abudawod M, Almaarik B, Hussain SD, Alnaami AM, Sabico S , Al-Daghri N, Clerici M, Aljuraiban GS. <i>Biology</i> 2022 ; 11(11): 1586.	5.168
8	Aldisi D, Abulmeaty MMA, Alsaawi TA, Alorf AS, Mujlli G, Al-Shahrani AM, Alahmari RM, Alquraishi M, Al-Daghri NM, Alruwaili N, Sabico S . Diagnostic value of inflammatory markers in elderly Arab women with sarcopenia. <i>Diagnostics</i> 2022 ; 12(10), 2293.	3.992
9	Alfadul H, Sabico S , Al-Daghri NM. The role of interleukin-1 β in type 2 diabetes mellitus: a systematic review and meta-analysis. <i>Front Endocrinol</i> 2022 ; 13: 901616.	6.055
10	Al-Daghri NM, Almiman AA, Wani K, Khattak MNK, Aljohani NJ, Alfawaz H, Al-Hameidi A, Aldisi D, Alkhaldi G, Sabico S . COVID-19 lockdown and lifestyle changes in Saudi adults with types 1 and 2 diabetes. <i>Front Public Health</i> 2022 ; 10: 912816.	6.461
11	Veronese N, Smith L, Di Gennaro F, Bruyere O, Yang I, Demurtas J, Maggi S, Sabico S , Al-Daghri NM, Barabagallo M, Dominguez LJ, Koyanagi A. Influenza vaccination and COVID-19 outcome in people older than 50 years: data from the observational longitudinal Share study. <i>Vaccines</i> 2022 ; 10(6) 899.	4.961
12	Al-Daghri NM, Wani K, Khattak MNK, Alnaami AM, Amer OE, Aljohani NJ, Hameidi A, Alfawaz H, Alharbi M, Sabico S . Cardiometabolic effects of a 12-month, COVID-19 lockdown-interrupted lifestyle education program for Arab adolescents. <i>Front Pediatr</i> 2022 ; 10: 887138.	3.569
13	Alsaawi TA, Aldisi D, Abulmeaty MMA, Khattak MNK, Alnaami AM, Sabico S , Al-Daghri NM. Screening for sarcopenia among elderly Arab females: influence of body composition, lifestyle, irisin and vitamin D. <i>Nutrients</i> 2022 ; 14(9): 1855.	6.706
14	Al-Daghri NM, Amer OE, Hameidi A, Alfawaz H, Alharbi M, Khattak MNK, Alnaami AM, Aljohani NJ, Wani K, Sabico S . Effects of a 12-month hybrid (in-person + virtual) education program in the glycemic status of Arab youth. <i>Nutrients</i> 2022 ; 14(9): 1759.	6.706
15	Al-Saleh Y, AlSohaim A, AlAmoudi R, AlQarni A, Alenezi R, Mahdi L, AlZanbaqi H, Nawar SM, AlHarbi H, Al Mulla A, Al Qahtani M, Salih BS, Al Anazi F, Saleh N, Saleh S, AlAklabi A, Sabico S , Al-Daghri NM. Primary hyperthyroidism in Saudi Arabia revisited: a multi-centre observational study. <i>BMC Endocrine Disorders</i> 2022 ; 22(1): 155.	3.263
16	Veronese N, Vassallo G, Armata M, Cilona L, Casalicchio S, Masnata R, Costantino C, Vitale F, Giannanco G, Maggi S, Sabico S , Al-Daghri NM, Dominguez LJ, Barbagallo M. Multidimensional frailty and vaccinations in older people: a cross-sectional study. <i>Vaccines</i> 2022 ; 10(4): 555.	4.961
17	Alenad AM, Alkaltham LF, Sabico S , Khattak MNK, Wani K, Al-Daghri NM, Alokail MS. Associations of zinc- α -2 glycoprotein with metabolic syndrome and its components among adults. <i>Sci Rep</i> 2022 ; 1291: 4908.	4.996
18	Al-Daghri NM, Sabico S , Ansari MGA, Abdi S, Tripathi G, Chrousos GP, McTernan PG. Endotoxemia, vitamin D and premature biological aging in adults with different metabolic states. <i>Saudi J Biol Sci</i> 2022 ; 29(6): 103276.	4.052
19	Aldawsari GM, Sabico S , Alamro AA, Alenad A, Wani K, Alnaami AM, Khattak MNK, Masoud M, Al-Daghri NM, Alokail M. Angiogenin levels and their association with cardiometabolic indices following vitamin status correction in Arab adults. <i>Biology</i> 2022 ; 11(2): 286.	5.168
20	Al-Daghri NM, Yakout S, Ghaleb A, Hussain SD, Sabico S . Iron and Vitamin D in Postmenopausal Women with Osteoporosis. <i>Am J Transl Res</i> 2022 ; 14(3): 1387-1405.	3.94
21	Alzaim M, Al-Daghri NM, Sabico S , Fouada M, Al-Musharaf S, Khattak MNK, Mohammed AK, Al-Ajlan AK, Binjawhar DN, Wood R. The association between FokI vitamin D receptor polymorphisms with metabolic syndrome among Pregnant Arab Women. <i>Front Endocrinol</i> 2022 ; 13: 844472.	6.055

22	Al-Daghri NM, Alokeel R, Alamro A, Ansari MGA, Hussain SD, Amer OE, Alnaami AM, Sabico S. Serum asprosin levels are associated with obesity and insulin resistance in Arab adults. <i>J King Saud Univ Sci</i> 2022 ; 34(1): 101690	4.011
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1 Book Published

Veronese N, Beaudart C, **Sabico S** (eds). Sarcopenia – Research and Clinical Implications. Cham (CH): Springer 2021 [ISSN 2059-6060, ISBN 978-3-030-80037-6] <https://link.springer.com/book/10.1007/978-3-030-80038-3>. Published August 29, 2022.

5 Published Conference Abstracts

	Published Abstracts for 2022	IF
1	Al-Daghri NM, Amer OE, Hameidi A, Alfawaz H, Alharbi M, Khattak MNK, Alnaami AM, Aljohani NJ, Wani K, Sabico S. Abstract #1323258: Effects of a 12-month hybrid (in-person + virtual) education program in the glycemic status of Arab youth. <i>Endocr Pract</i> 2022; 28(12): S26.	3.701
2	Al-Daghri NM, Almiman AA, Wani K, Khattak MNK, Aljohani NJ, Alfawaz H, Al-Hameidi A, Aldisi D, Alkhaldi G, Sabico S. Abstract #1323268: COVID-19 lockdown and lifestyle changes in Saudi adults with types 1 and 2 diabetes. <i>Endocr Pract</i> 2022; 28(12): S26.	3.701
3	Al-Daghri NM, Yakout S, Sabico S , Wani K, Hussain SD, Aljohani N, Uday S, Hogler W. Abstract #1323306: Establishing the prevalence of osteomalacia in Arab adolescents using biochemical markers of bone health. <i>Endocr Pract</i> 2022; 28(12): S26.	3.701
4	Veronese N, Stefanac S, Koyanagi A, Al-Daghri NM, Sabico S , Cooper C, Rizzoli R, Reginster JY, Barbagallo M, Dominguez LJ, Smith L, Maggi S. Lower Limb Muscle Strength and Muscle Mass Are Associated with Incident Symptomatic Knee Osteoarthritis: A Longitudinal Cohort Study. <i>Aging Clin Exp Res</i> 2022; 34 (Suppl 1): S50.	4.481
5	Al-Daghri N, Amer O, Aljohani N, Hussain SD, Alnaami A, Sabico S. Vitamin D Status and its Associations with Cytokines and Chemokines in Arab Adults Screened for COVID-19. <i>FASEB J</i> 2022; 36 (S1): R4429.	5.834

4 On-Going Research Grants

	Study	Role	Grant
1	Inflammasome activation and pathogenesis in patients with varying levels of glycemia	Co-PI	IFKSUDR_H174
2	Freeze dried Kale to go, new superfood supplement to reduce metabolic risk in Saudi subjects	Co-PI	NPST 2-17-030-010031
3	The prevalence, risk factors and thresholds of vitamin D and dietary calcium for the development of osteomalacia in Saudi Arabian adolescents: A population-based study	Co-PI	NPST 2-17-030-010012
4	Premature biological aging in Saudi adults with type 2 diabetes and the influence of endotoxemia	Co-PI	12-MED2565-02

5 Post-Graduate Students Handled/Co-Supervised

#	Study	Student	Level	Class
1	The role of betatrophin in glycemia	Mona Alenzi 443203182	PhD	2025

2	Pathogenesis of inflammasome activation in patients with varying levels of glycemia	Hend Alfadul 441204406	PhD	2024
3	Role of probiotic supplementation and yogurt in to reduce weight in obese adults	Samira Almalki 438203115	PhD	2024
4	The acute impact of freeze-dried kale supplementation on the gut barrier function of obese Arab women	Taghreed Basaeed 441203894	MSc	2022
5	The effect of kale supplementation on metabolic changes among Saudi population: an open-label randomized controlled trial	Amani Alfarraj 441203153	MSc	2022

3 Conference Awards

- **Certificate of Appreciation as Plenary Speaker**, 4th International Conference of the Saudi Society Clinical Nutrition (SSCN), October 25-27, 2022, Novotel Alanoud Hotel, Riyadh, KSA
- **1st Prize Oral Presentation**. Gulf Association of Endocrinology and Diabetes (GAED) Annual Congress, November 3-5, 2022, Hilton Riyadh, KSA
- **Oral Presentation Top Winner**. American Association of Clinical Endocrinology (AACE) Communities Middle East North Africa Conference, November 13-15, 2022, Dubai, UAE.

2 Community Service Awards

- **Plaque of Appreciation as Keynote Speaker**, Jubail Filipino Toastmasters Club Anniversary, December 9, 2022, Al-Reem Village Hotel, Jubail KSA
- **Plaque of Appreciation as Keynote Speaker**, United Motors Group (UMG) Finance Team Year-End Activity, December 15, 2022, Intercontinental Hotel, Riyadh, KSA

8 CME Conferences/Workshops

- Diabetes and Ramadan (Dubai Health Authority), March 21, 2022 (Virtual)
- WCO-IOF-ESCEO Virtual Congress, March 24-26, 2022
- GCC Public Health Summit (Conrad Hotel Dubai, UAE), March 25-26, 2022 (Hybrid)
- 4th International Conference of the Saudi Society Clinical Nutrition (SSCN), October 25-27, 2022, Novotel Alanoud Hotel, Riyadh, KSA
- 9th Abu Dhabi Annual International Conference on Vitamin D Deficiency and Human Health, October 7-8, 2022 (Hybrid)
- IDF MENA Virtual Congress, October 8-9, 2022
- Gulf Association of Endocrinology and Diabetes (GAED) Annual Congress, November 3-5, 2022, Hilton Riyadh, KSA
- American Association of Clinical Endocrinology (AACE) Communities Middle East North Africa Conference, November 13-15, 2022, Dubai, UAE

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