



Abdullah Omar Bamosa

Professor

Personal Data

Nationality | Saudi

Date of Birth | 01/07/1957

Department | Physiology

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Language Proficiency

Language	Read	Write	Speak
Arabic	y	y	y
English	y	y	y

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
1989	PhD	Glasgow University	UK
1985	MBBS	King Faisal University	Saudi Arabia

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD.	Generality and Mechanism of intracellular PH effect on vascular smooth muscle
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Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Demonstrator	Physiology	KFU	1985 – 1989
Assist. Prof.	Physiology	KFU	1989 – 2012
Assoc. Prof.	Physiology	UOD	2012 – 2014
Prof.	Physiology	UOD	2014 to date



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	H Kaatabi, <u>AO Bamosa</u> , A Badar, A Al-Elq, B Abou-Hozaiifa, F Lebda, et al.	Nigella sativa Improves Glycemic Control and Ameliorates Oxidative Stress in Patients with Type 2 Diabetes Mellitus: Placebo Controlled Participant Blinded Clinical Trial.	PloS one. 2015 10 (2), e0113486
2	<u>AO Bamosa</u> .	A review on the hypoglycemic effect of nigella sativa and thymoquinone.	Saudi Journal of Medicine and Medical Sciences. 2015, 3 (1), 2
3	Al-Asoom LI, Al-Shaikh BA, <u>Bamosa AO</u> , El-Bahai MN.	Effect of Nigella sativa Supplementation to Exercise Training in a Novel Model of Physiological Cardiac Hypertrophy.	Cardiovasc Toxicol. 2014 Feb 5. [Epub ahead of print]
4	<u>Bamosa A.</u>	Nigella sativa is a safe herbal product.	J Integr Med. 2014 Jan;12(1):66. doi: 10.1016/S2095-4964(14)60007-8. (Letter to the Editor).
5	Al-Asoom LI, Al-Shaikh BA, <u>Bamosa AO</u> , El-Bahai MN.	Comparison of Nigella sativa- and Exercise-Induced Models of Cardiac Hypertrophy: Structural and Electrophysiological Features.	Cardiovasc Toxicol. 2014 Jan 22. [Epub ahead of print]
6	Elnour Abdulsalam, <u>Bamosa Abdullah</u> , Al Meheithif Abdullah, Aleissa Khaled.	Amelioration of Severe Carbon Tetrachloride Toxicity by Zamzam Water in Rats.	J Nutr Food Sci 2013; 3:197.
7	<u>Bamosa A</u> , Elnour A, Kaatabi H, Al Meheithif A, Aleissa K, Al-Almaie S.	Zamzam Water Ameliorates Oxidative Stress and Reduces HemoglobinA1c in Type 2 Diabetic Patients.	J Diabetes Metab. 2013; 4: 249.
8	Al Meheithif Abdullah, Elnour Abdelsalam, <u>Bamosa Abdullah</u> and Aleissa Khaled.	Antioxidant effects of Zamzam water in normal rats and those under induced-oxidative stress.	Journal of Medicinal Plants Research 2012; 6(42): 5507-5512
9	Huda Kaatabi, <u>Abdullah O Bamosa</u> , Fatma M Lebda, Abdulmohsen H Al Elq, Ali I Al-Sultan.	Favorable impact of Nigella sativa seeds on lipid profile in type 2 diabetic patients.	J Family Community Med, 2012; 19 (3): 155-161.
10	Fatma M. Lebda, <u>Abdullah O. Bamosa</u> , Huda Kaatabi, Abdulmohsen Al Elq and Ali Al-Sultan. 37 (2): 73-80.	Effect of Nigella sativa on hemodynamics, hemoglobin, and blood coagulation in patients with type 2 diabetes.	Egyptian Journal of Haematology 2012;



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11	Rima L. Abdul Razzak, Bodour M. Abu-Hozafah, <u>Abdullah O. Bamosa</u> and Nemah M. Ali.	Assessment of enhanced endothelium – dependent vasodilation by intermittent fasting in wistar albino rats.	Indian J Physiol Pharmacol, 2011; 55 (4) : 336–342. Indian J Physiol Pharmacol, 2011; 55 (4) : 336–342
12	<u>Abdullah O. Bamosa</u> , Huda Kaatabi, Fatma Lebda, Abdul-Muhssen Al Elq, and Ali Alsultan.	Effect of Nigella Sativa seeds on the glycemic control of patients with type 2 Diabetes Mellitus.	Indian J Physiol Pharmacol, 2010; 54 (4): 344-354.
13	Salem EM, Yar T, <u>Bamosa AO</u> , Al-Quorain A, Yasawy MI, Alsulaiman RM, Randhawa MA.	Comparative study of Nigella Sativa and triple therapy in eradication of Helicobacter Pylori in patients with non-ulcer dyspepsia.	Saudi J Gastroenterol. 2010 Jul-Sep;16(3):207-14.
14	Al-Amri AM, <u>Bamosa, AO</u> .	Phase I clinical activity study of thymoquinone in patients with advanced refractory malignant disease.	Shiraz E-Medical J. July 2009;10(3):107-111.
15	Al-Hariri MT, Yar T, <u>Bamosa AO</u> , El-Bahai MN.	Effects of two-months Nigella sativa supplementation on cardiac hemodynamics and adrenergic responsiveness.	J Pak Med Assoc. 2009 Jun;59(6):363-8.
16	El-Bahai MN, Al-Hariri MT, Yar T, <u>Bamosa AO</u>	Cardiac inotropic and hypertrophic effects of Nigella sativa supplementation in rats.	Int J Cardiol, 2009;131(3):e115-7.
17	T Yar, M El-Hariri, MN El-Bahia, <u>AO Bamosa</u>	Effects of Nigella Sativa supplementation for one month on cardiac reserve in rats.	Indian J Physiol Pharmacol, 2008; 52(2): 141-148.
18	<u>Abdullah Bamosa</u> .	Motivation to learn physiology using end of lecture quizzes.	Journal of Family & Community Medicine, 2004;11(2):79-82.
19	Basil A Ali, <u>Abdullah O Bamosa</u> and Zubaida A Al-Hawsawi.	Effect of Nigella Sativa on Blood Lipids in Normal Rats.	Arab Gulf Journal of Scientific Research, 2003; 21 (2): 102 – 109.
20	<u>Abdullah O. Bamosa</u> , Basil A.Ali, Zubaida A. Hawsawi.	The effect of Thymoquinone on blood lipids in rats.	Indian Journal of Physiology and Pharmacology 2002;(2): 195-201
21	Zubaida A. Hawsawi, Basil A.Ali, <u>Abdullah O. Bamosa</u> .	Effect of Nigella Sativa (Black seeds) and thymoquinone on blood glucose in Albino rats.	Annals of Saudi Medicine 2001; 21(3-4): 242-244.
22	<u>Abdullah O. Bamosa</u> , Basil A.Ali.	Factors affecting student motivation: Perception of pre-clinical students in the College of Medicine, King Faisal University, Dammam, Saudi Arabia.	Journal of Family & Community Medicine, 2000; 7(1):55-63.



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23	<u>Abdullah O. Bamosa</u> , Basil A.Ali.	The relationship between certain learning habits and examination performance in Physiology at the College of Medicine and Medical Sciences of King Faisal University in Saudi Arabia.	Journal of the Bahrain Medical Society 1999; 11(1): 6 – 10.
24	Abdullah O. Bamosa.	Blockade of Na ⁺ /H ⁺ exchanger contracts the portal vein of spontaneously hypertensive and wistar kyoto rats.	Indian J Physiol .Pharmacol 1997;41(3):211-218.
25	<u>Abdullah O. Bamosa</u> , Basil A. Ali and Salih A.	Sowayan. Effect of oral ingestion of Nigella Sativa seeds on some blood parameters	. Saudi Pharmaceutical journal 1997;5(2-3):126-129.
26	<u>A.O. Bamosa</u> and Ziauddin Abdul-Cader.	Tone variations induced by NH ₄ Cl and triethylamine in the rat portal vein.	Scientific journal of Al-Azhar medical faculty (Girls), 1996;17(2):1213-1220.
27	A.O. Bamosa.	Response of the portal vein of spontaneous hypertensive rats to intracellular pH.	Indian J Physio. Pharmacol 1996; 40(1):23-28.
28	<u>A.O. Bamosa*</u> and N.C. Spurway.	Effect of pHi and PCa _i in isolated rat tail arteries loaded with Fura-2.	J Physiol (London) 1990;423:64p.
29	<u>A.O.Bamosa*</u> and N.C.Spurway	Evidence that the constrictor actions of L-Lactate and pyruvate on vascular smooth muscle involve carrier-mediated transport.	Med Sci. Res 1988; 16:469-470.
30	<u>A.O. Bamosa*</u> , A.D. Ighoroje and N.C. Spurway.	Tone-overshoots during recovery of isolated (rabbit and rat) vascular preparations from ammonium-induced dilations	. J Physiol (London) 1987;392: 47 p.

Last Update

30 March, 2015