

CURRICULUM VITAE

PERSONAL DATA

Name: HANA ABDULRAHMAN MOHAMMED ALZAMIL

Place of Birth : Saudi Arabia

Nationality Saudi

Marital Status: Married

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King Saud University
Physiology Department

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UNDERGRADUATE EDUCATION

1987 MBBS, King Saud University, Riyadh, Saudi Arabia.

1980 Secondary school certification

POSTGRADUATE EDUCATION

2015 Certificate in medical education, interprofessional applied practical teaching and learning (INTAPT)
University of Toronto, Canada.

2010 PhD in Physiology of human labour
University of Bristol
Thesis Title: Expression of the prostaglandin F synthase AKR1B1 and the prostaglandin transporter SLCO2A1 in human fetal membranes in relation to spontaneous term and preterm labour

2003 MSc in physiology.
King Saud University, Riyadh, Saudi Arabia.
Thesis Title: The effect of exercise on the production of oxygen free radicals in a group of healthy subjects and asthmatic patients.

CLINICAL EXPERIENCE

- 2019- present Vic-chairman of Physiology Department, Medical College, KSU
- 2018-present Head of innovation unit, Medical College, KSU
- 2017 Member in innovation unit, Medical College, KSU
- 2015 Mentor for distinguished medical students
- 2012-2013 Vice chairman, Department of physiology
King Saud University, College of medicine
- 2011-2013 Postgraduate course organizer (Maternity nursing)
- 2011-2013 Supervisor of extracurricular activity of medical students
King Saud University
- 2011-present Assistant professor
Department of Physiology
King Saud University
Riyadh Saudi Arabia
- 2006 -2010 PhD student
University of Bristol
School of Clinical Sciences
- 2004 - 2005 Lecturer
Department of physiology
King Saud University
Riyadh, Saudi Arabia
- 1997- 2003 Postgraduate student
Department of physiology
King Saud University
Riyadh, Saudi Arabia
- 1991 –1996 Resident in Obstetrics & gynecology
King Khalid University Hospital
Riyadh, Saudi Arabia
- 1987-1988 Rotating intern in King Khalid UniversityHospital,
Riyadh, Saudi Arabia

CERTIFICATIONS

- 2015 Certificate in medical education, University of Toronto, Canada
- 2010 PhD in physiology of human labour
- 2003 Master of science in physiology of bronchial asthma

PRIZES & AWARDS:

2019 Prize of the best research project presented in 28th Annual conference for Saudi Society of Obstetric and Gynecology.

2019 Prize of the best research project presented in International Endocrine and Diabetes Conference, 7-9 Feb 2019, Riyadh, Saudi Arabia.

2011 Prize of the best research project in medicine, King Saud University, Saudi Arabia

2004 Prize of the National Asthma Committee on research project "Free oxygen radicals in asthma" Saudi Arabia.

1998 Best Resident Award. (in Physiology)

INTERESTS

Using interprofessional education to improve collaboration in research and health care teamwork.

Pathophysiology of bronchial asthma.

Physiology and pathophysiology of Sleep disorders.

Endocrine and reproductive physiology.

Medical education.

WORKSHOP AND COURSES ATTENDED

2019 Collaboration Across Borders VII, Indianapolis, IN, USA.

2019 Diabetes Day, King Khalid University Hospital. Riyadh, Saudi Arabia.

2019 2nd Students Research Day, King Khalid University Hospital. Riyadh, Saudi Arabia

2019 Osteoporosis day, King Khalid University Hospital. Riyadh, Saudi Arabia.

2019 Sixth international conference of Endocrinology and Diabetes, Riyadh, Saudi Arabia.

2018 Critical appraisal workshop by Annals of Saudi Medicine, Riyadh, Saudi Arabia.

2018 Fifth international conference of Endocrinology and Diabetes, Riyadh, Saudi Arabia.

2018 Chances to empower collaboration between Universities and local research centers: reality and ambition workshop.

2018 Train the trainers in interprofessional education, King Saud University, Riyadh, Saudi Arabia.

2017 The 8th Annual Forum for Medical Research, KAIMRC. "National Prosperity Through Innovative Medical R&D".KSAU-HS, Riyadh, Saudi Arabia.

2017 Collaboration across the borders (CAB VI) Conference, Banff, Alberta, Canada - October 1-4, 2017

2016 The Role of Research Centers in Supporting Scientific Research, Reality and the Expected (workshop) King Saud University, Riyadh, Saudi Arabia.

2016 Physiology 2016: Joint meeting of the American Physiological Society and The Physiological Society, Dublin, Ireland, 29-31 July 2016

2015 The 2nd Saudi International Conference on Scientific Publishing.

2015 the first Middle Eastern conference on interprofessional Education, New Frontiers in Healthcare Education, Doha, Qatar 4-6 December 2015..

2015 Collaboration across the borders, The Interprofessional Journey: Advancing Integration and Impact, Roanoke, Virginia USA.

- 2015** Faculty development course, University of Ottawa
- 2014-2015** INTAPT course in Interprofessional Education University of Toronto.
- 2013** CSEP, Extreme human physiology, Toronto Canada
- 2012** Using technology in education, workshop for King Saud University staff, York University, Toronto Canada
- 2012** Canadian Nutrition Society meeting, Dietary fat, Mississauga, Canada.
- 2011** The Saudi conference for Colleges of Health Sciences, Facing Challenges and setting Directions, Saudi Arabia
- 2010** Becoming a small group facilitator Hands on training KSU, Riyadh, Saudi Arabia
- 2009** 56th Annual Scientific Meeting of the Society of Gynecologic Investigation, Glasgow, Scotland, UK.
- 2007** Oral presentation, localization of prostaglandin synthases in intrauterine tissues Blair Bell Research Society Meeting, Nottingham Derby, UK
- 2004** Recent advances in reproductive medicine. King Faisal Hospital, Riyadh.
- 2004** The first scientific conference on the march of medical continuation Saudi Arabia. King Saud University, Riyadh.
- 2003** Uses of computers in Medical education. King Saud University, Riyadh.
- 2003** 1st workshop on medical education. King Saud University, Riyadh.
- 2003** Assessment in medical education. King Saud University, Riyadh.
- 2003** Skills of instructional Methods. King Saud University, Riyadh.

SEMINARS GIVEN

- 1) Physiological changes in pregnancy
- 2) Renal autoregulation
- 3) Sleep-apnoea syndrome
- 4) Exercise and prevention of heart disease
- 5) Defective insulin production
- 6) Oxygen free radicals

PUBLICATIONS

1. **Alzamil H.** Elevated serum TNF- α is related to obesity in type 2 diabetes mellitus and is associated with glycemic control and insulin resistance. Journal of Obesity, In Press
2. Abeer A. Al Masri, Syed Habib, **Hana Al Zamil**, and Ahmed Alhers Effect of Acute Myocardial Infarction on Disintegrin and Metalloprotease with Thrombospondin motif & von Willebrand factor and their relationship with markers of inflammation International. Journal of Vascular Medicine. In Press

3. **Alzamil HA**, Alhakhbany MA, Alfadda NA, Almusallam SM, Al-Hazzaa HM. A profile of physical activity, sedentary behaviors, sleep, and dietary habits of Saudi college female students. *Journal of family & community medicine*. 2019 Jan;26(1):1.
4. Alhakhbany MA, **Alzamil HA**, Alabdullatif WA, Aldekhyyel SN, Alsuhaibani MN, Al-Hazzaa HM. Lifestyle Habits in Relation to Overweight and Obesity among Saudi Women Attending Health Science Colleges. *Journal of Epidemiology and Global Health*. 2018 Dec 31;8(1):13-9.
5. **Alzamil H**, Aldokhi L, Habib SS. Physical Fitness and Its Relationship to Plasma Leptin, Leptin Soluble Receptor, and Free Leptin Index in a Saudi Population: A Comparison Between Diabetic and Non-Diabetic Individuals. *Med Sci Monit Basic Res*. 2018;24:113-119. Published 2018 Aug 9. doi:10.12659/MSMBR.910573
6. **H.A Izamil**, M. Soliman, K. Alradadi, O. Alharby and M. Aldakheel. Medical students' perception of interprofessional education in King Saud University Medical College, Saudi Arabia. Submitted abstract for Collaborating Across Borders (CAB-VI) Conference, Banff, Alberta, Canada -October 1 - 4, 2017.
7. **H.A. Alzamil**, J. Pawade, M.A. Fortier and A. López Bernal. Expression of the prostaglandin F synthase AKR1B1 and the prostaglandin transporter SLCO2A1 in human fetal membranes in relation to spontaneous term and preterm labour. *Frontiers in physiology*, 2014; 5:272.
8. A.A. Al-Masri, E. El Eter, S. Tayel, **H. Zamil**. Differential associations of circulating peroxiredoxins levels with indicators of glycemic control in type 2 diabetes mellitus. *Eur Rev Med Pharmacol Sci* 2014; 18 (5): 710-716
9. Eman A El Eter, **Hana Al Zamil**, Maha Deif. Enhancement of Collaterals by Resveratrol in a Rabbit Model of Hind Limb Ischemia. *Abstract Circulation*.2013; 128: A18567
10. Eman El Eter, Abeer Al Masri, Shahid Habib, **Hana Al Zamil**, Ahmed Al Hersi, Fawaz Al Hussein, Mohamed Al Omran. Novel links among peroxiredoxins, endothelial dysfunction, and severity of atherosclerosis in type 2 diabetic patients with peripheral atherosclerotic disease. *Cell Stress and Chaperones* 06/2013;
11. Phillips, R, **Al Zamil, H**, Hunt, L, Fortier, M & Bernal, AL, 'Genes for prostaglandin synthesis, transport and inactivation are differentially expressed in human uterine tissues, and the prostaglandin F synthase AKR1B1 is induced in myometrial cells by inflammatory cytokines'. *Molecular Human Reproduction*, vol 2011,17, pp. 1 - 13
12. **Al Zamil H**, Al Ttuwajiri AS, Mobeireek A, Mustafa AA. The effect of Zafirlukast on the production of oxygen free radicals from isolated human neutrophils of asthmatic and healthy subjects. *Current Therapeutic Research* July 2005, Volume 66, Issue 4 , Pages 279-293.
13. Mobeireek AF, Altuwajiri AS, **Al-Zamil H**, Ballal MA, Mustafa AA. Zafirlukast inhibits the respiratory burst of isolated human neutrophils (abstract) presented in 34th worlded Congress of international Union of Physiological Sciences"from Molecule to Malady" Chritchurch, New Zeland 26-31 August, 2001.

14. Mobeireek A., Al-Meshari A., **Al-Zamil H**, Sharbatly A. Pleurisy in Ovarian hyperstimulation Syndrome. Saudi Med J 1998; 19(2): 345-347.