

9.3 Resume of CO-I2

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Education and training

(PhD.) Molecular Pharmacology 2001

Faculty of Medicine, Manchester University, UK

(MSc.) Master degree in Pharmacology 1997

Colleg of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

(BVM) Bachelor degree in veterinary medicine 1985

College of Veterinary Medicine and animal resources, King Faisal University, Al-Ahssa, Saudi Arabia

Continuing Professional Education

Completed extensive continuing professional education throughout career.

- Leadership
 - Group discussion
 - Team management,
 - Communication skills & speech delivery
 - Organization & Administration
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Professional Experience

Organisational skills and competences

- Assistant professor of pharmacology in the department of physiology, biochemistry and pharmacology
- Demonstrator, teaching experimental pharmacology and toxicology
- Vice dean of Deanship of graduate studies (until present)
- Member of training and scholarship committee (until present)
- Member of Deanship of graduate studies board (until present)
- Member of a animal health committee (Ministry of agriculture). Its main objective to set the bylaws of animal health in Saudi Arabia (later approved by ministries council)
- Member of drug and hormone residues committee (Ministry of agriculture)

Broad administrative, organizational and special projects responsibilities as the vice Dean for scholarship affaires in deanship of graduate studies. As a member of scholarship and training Committee where I gain experience in preparing meeting agenda and writing the minutes, negotiation and problem solving. Initiated and formulated staff training strategic plan at KFU (submitted to training and scholarship committee).

Technical skills and competences

- Pharmacogenomics training with Dr. Bill Newman (MA MRCP Ph.D) Faculty of Medicine. University of Manchester, Academic Unit of Medical Genetics, 1st June- 15th July 2008.
 - Evaluation of pesticide toxicity and residues using Gas chromatography Mass spectrophotometry
 - Drug pharmacokinetics using HPLC
 - Experimental design and data handling.
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- Molecular biology Techniques including: DNA and RNA isolation and purification, Polymerase Chain Reaction (PCR), Gene blotting, gene cloning and transfection into tissue culture, basic bioinformatics. Quantitative Reverse transcriptase Polymerase Chain Reaction (RT-PCR) using Perkin Elmer sequencer 7700 and TaqMAN™.

- Screening of new chemical or herbal extract for pharmacological effect on experimental animals. Using soxhlet, Rota evaporator and recently microwave for chemical extraction. Physiograph for different muscle activity, hotplate analgesia meter, tail cuff for blood pressure, aggregometer platelet aggregation, reproduction teratology.

Computer skills and competences

Good experience in WORD, EXCELL, AND POWERPOINT and some other programs, primer design, endnote and bioinformatics software

Research skills and competences

- Work in cooperation with multi-disciplinary scientific and research team involved in the investigation and development drugs affecting smooth muscle (asthma, hypertension, uterus and urine incontinence) utilizing leading edge pharmacological and molecular technologies.
- Planned and directed two national research projects supported by King AbdulAziz City for Science and Technology (KACST).
- Finished two research projects supported by deanship of research at KFU.
- Recently approved research project supported by deanship of research at KFU

1. Postgraduate training course modules (University of Manchester)

23 rd Apr 98	Communication workshop.
1 st Jul 98	Graduate symposium (presented a talk).
22-25 Sep 98	Graduate Training Programme Core Courses.
23 rd Sep 98	Health and safety course.
24 th Sep 98	Control of substances hazardous to health (COSHH) course.
8 th Oct 99	Genetic manipulation course.
9 th Oct 99	PCR course.
10 th Oct 99	Basic laboratory skills in microbiology.
10,20 th Jan 99	DNA sequencing course.
28,29 th Jan 99	Data handling and statistics.
2 nd Apr 99	Writing and careers workshop.
30 th Jun 99	Graduate symposium (presented a talk).
20 th Oct 99	Research away day (Manchester).
7-9 Dec 98	Graduate teaching assistants course.
14 th Jan 2000	3 rd year postgraduate workshop (your thesis and beyond).
30 th Jun 2000	Graduate symposium (presented a talk).
16 th Sep 2000	Computer Aided Learning (CAL).
8 th Nov 2000	Control of substances hazardous to health (COSHH) course.

Conferences

- 11th International Congress of the European Association for Veterinary Pharmacology and Toxicology: Leipzig, Germany 12-16 July 2009
- 7th Saudi Pharmaceutical International Conference. Al-Faisaliah Hotel, Riyadh, KSA. 19-21/3/2007
- International Symposium on Food and Drugs Regulations. Saudi Food and Drugs Authority. Riyadh, 20-22/5/ 2006
- 15th World Congress of Pharmacology: Beijing, China. July 2-7, 2006
- 6th Saudi Pharmaceutical International Conference College of Pharmacy, KSU, 17-21/12/2005
- Antibiotics uses in poultry symposium. Saudi agricultural Society (7th scientific meeting). College of Veterinary Medicine and Animal Resources. 28/5/2003
- 1ST Biotechnology conference in Saudi Arabia. King Faisal Specialist Hospital and Research Center. Jeddah 6-8/4/2002
- Joint conference of the UK Fertility Societies: British Andrology Society, British Fertility Society and Society for the Study of Fertility. Fertility 2000, July 31st-August 2nd, 2000 Edinburgh, Scotland K.

- **Keystone Symposia: Potassium Channels: Structure, Function and Therapeutic Utilities.** March 11-16, 2000 Granlibakken Resort, Tahoe City, California, USA.
- **American Physiological Society Conference.** Biology of Potassium channels: from Molecules to Disease. September 22-25 1999. Snowmass Resort, Colorado, SA.
- **British Pharmacological Society meeting,** January 6-9 1999
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Publications

- **Abdulla Y. Al-Taher (2010)** Pharmacokinetics of Cefquinome in Camels. J. of Animal and Veterinary Advances. Accepted for publication
 - **Abdulla Y. Al-Taher (2009)** Adverse effects of Phosmet on Male Fertility in Rats. Vet. Med. J., Giza. Vol. 57, No.4: 32-40
 - **Abdulla Y. Al-Taher (2008)** Anticonvulsant effects of 3, 4-Dimethoxy toluene, the major constituent of *Phoenix dactylifera L* Spathe in mice. Scientific Journal of King Faisal university (Basic and Applied Sciences), Vol. 9 (2):115-123
 - **Abdulla Y. Al-Taher (2008)** Possible anti-diarrhoeal effect of the date palm (*Phoenix Dactylifera L*) spathe extract aqueous extract in rats. Scientific Journal of King Faisal university (Basic and Applied Sciences), Vol.9 (1): 131-138
 - **Abdulla Y. Altaher, Khalid M. Alkharfy and Rao Muzaffar A. Khan (2006)** Pharmacokinetics of diclofenac in sheep following intravenous and intramuscular administration. Veterinary Anaesthesia and Analgesia, 33, 241-245
 - **ElTahir, K.E.H, Al-Taher, A.Y. and Ageel, A.M. (2001).** Effect of peanut oil and Palm oils on the sensitivities of the nociceptors, baroreceptors and Platelets in normal and hyperglycemic rats. Saudi Pharm. J. 9, 43-50.
 - **ElTahir, K.E.H, Al-Taher, A.Y. and Ageel, A.M. (2001).** Effect of peanut oil and Palm oils on the sensitivities of the nociceptors, baroreceptors and Platelets in normal and hyperglycemic rats. Saudi Pharm. J. 9, 43-50.
 - **Al-Taher AY, Bashein A, Nolan T, Hollingsworth M, Brady G. (2000)** Global cDNA amplification combined with real-time RT-PCR: accurate quantification of multiple human potassium channel genes at the single cell level. Yeast, 17(3):201-10
 - **ElTahir, K.E.H., Al-Taher, A.Y. and Ageel, A.M. (1999).** Pharmacological Studies on sesame and *Nigella sativa* fixed oils: Effects on the sensitivities of the adrenoceptors, baroreceptors, platelets and uterus of the rat, Saudi Pharmac.J. 7, 201-210.
 - **Al-Eknaah MM, Homeida AM, Dafalla EA, Galil AK, Al-Taher AY. (1997)** Uterine activity after induction of hypocalcaemia in the ovariectomized camel (*Camelus dromedarius*). Vet Res Commun., 21(1):45-50
 - **Homeida AM, al-Eknaah MM, Dafalla EA, Galil AK, Al-Taher AY. (1993)** Uterine activity after ovariectomy in the camel (*Camelus dromedarius*): effect of exogenous administration of oestrogen and progesterone. Res Vet Sci., 55(3):382-4.
 - **WASFI, I. A., A. M. HAFEZ, F. M. A. TAYEB, A. Y. TAHER, F. M. A. EL-TAYEB, A. Y. EL-TAHER (1987)** Thyroid hormones, cholesterol and triglyceride levels in the camel. Res. Vet. Sci. 42, 418.
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