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Specialty: Genetics and Molecular Medicine

Qualifications:

1992- Umm Al-Qura University, Makkah, Saudi Arabia

B.Sc. in Medical Sciences - Department of Medical Sciences

1997- King Saud University, Riyadh, Saudi Arabia

M.Sc. in Biochemistry, Department of Biochemistry

1998- Imperial College Faculty of Medicine, University of London, London, UK

M.Sc. in Human Molecular Genetics, Department of Medical & Community Genetics

2004- Imperial College Faculty of Medicine, University of London, London, UK

Ph.D. in Genetics, Department of Molecular and Cell Medicine

Experience:

• **January 2008 - Present:** Department of Medical Genetics, Faculty of Medicine, Umm Al-Qura University, Makkah, Saudi Arabia.

Position: Assistant Professor

• **September 2007-February 2008:** Department of Oncology, Imperial College Faculty of Medicine, London, UK.

Position: Research Scientist

• **April 2005-August 2007:** Institute of Reproductive and Developmental Biology, Imperial College London. Hammersmith Campus, London, UK.

Position: Postdoctoral Research Associate

• **April 2004-March 2005:** Department of Surgical Oncology and Technology, Hammersmith Campus, Imperial College Faculty of Medicine, London, UK.

Position: Postdoctoral Research Scientist

- **October 2004-September 2005:** Division of Genetics and Development, Guy's Hospital, Kings College London.

Position: Honorary Research Fellow

- **January to September 1997:** Department of Biochemistry, Faculty of Medicine, Umm-Al-Qura University, Makkah, Saudi Arabia.

Position: Demonstrator

- **February 1993-January 1997:** College of Health Sciences, Riyadh, Saudi Arabia

Position: Demonstrator

- **1995-1996:** Department of Biochemistry, Faculty of Sciences, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia.

Position: Postgraduate research student

- **1996-1997:** Department of Biological and Biomedical Sciences, Research Centre, King Faisal Specialist Hospital and Research Centre, P. O. Box 3354 - MBC 03, Riyadh 11211, Saudi Arabia.

Position: Trainee/ postgraduate research student

- **November 1992-January 1993:** Department of Quality Control, Saudi Catering, a spin off company of the Scandinavian and Saudi Arabian Airlines, King Khalid International Airport, Riyadh, Saudi Arabia.

Position: Supervisor

Publications:

1. Isabel Zwart, Andrew J. Hill, **Faisal Al-Allaf**, Mili Shah, John Girdlestone, Athirah B.R. Sanusi, Huseyin Mehmet, Roberto Navarrete, Cristina Navarrete and Ling-Sun Jen. **Umbilical cord blood mesenchymal stromal cells are neuroprotective and promote regeneration in a rat optic tract model.** Experimental Neurology. 2009, April, 216, 2, 439-448.

2. Kennea NL, Waddington SN, Chan J, O'Donoghue K, Yeung D, Taylor DL, **Al-Allaf FA**, Pirianov G, Themis M, Edwards AD, Fisk NM, Mehmet H. **Differentiation of human fetal mesenchymal stem cells into cells with an oligodendrocyte phenotype.** Cell Cycle. 2009 Apr 9;8(7).

3. Hill AJ, Zwart I, Samaranayake AN, **Al-Allaf F**, Girdlestone J, Mehmet H, Navarrete R, Navarrete C, Jen LS. **Rat neurosphere cells protect axotomised rat retinal ganglion cells and facilitate their regeneration.** J Neurotrauma. 2009 Feb 9.

4. O'Donoghue K, Sultan HA, **Al-Allaf FA**, Anderson JR, Wyatt-Ashmead J, Fisk NM. **Microchimeric fetal cells cluster at sites of tissue injury in lung decades after pregnancy.** *Reprod Biomed Online*. 2008 Mar;16(3):382-90.
5. Gordon MY, Levicar N, Pai M, Bachellier P, Dimarakis I, **Al-Allaf F**, M'hamdi H, Thalji T, Welsh JP, Marley SB, Davis J, Dazzi F, Marelli-Berg F, Tait P, Playford R, Jiao L, Jensen S, Nicholls JP, Ayav A, Nohandani M, Farzaneh F, Gaken J, Dodge R, Alison M, Apperley JF, Lechler R, Habib NA. **Characterisation and clinical application of human CD34+ stem/progenitor cell populations mobilised into the blood by G-CSF.** *Stem Cells*. 2006;24:1822–1830.
6. Themis M, Waddington SN, Schmidt M, von Kalle C, Wang Y, **Al-Allaf F**, Gregory LG, Nivsarkar M, Themis M, Holder MV, Buckley SM, Dighe N, Ruthe AT, Mistry A, Bigger B, Rahim A, Nguyen TH, Trono D, Thrasher AJ, Coutelle C. **Oncogenesis following delivery of a non-primate lentiviral gene therapy vector to fetal and neonatal mice.** *Molecular Therapy*. 2005 Oct;12(4):763-71.
7. **Al-Allaf FA**, Tolmachov O, Themis M, Coutelle C. **Coupled analysis of bacterial transformants and ligation mixture by duplex PCR enables detection of fatal instability of a nascent recombinant plasmid.** *J Biochem Biophys Methods*. 2005 Aug 31;64(2):142-6.
8. **Al-Allaf F**, Tolmachov O, Themis M, Coutelle C. **Accurate size gauging of ExoIII/S1-generated deletions by PCR analysis of ligation mixtures.** *Anal Biochem*. 2005 Apr 15;339(2):348-50.
9. Gregory LG, Waddington SN, Holder MV, Mitrophanous KA, Buckley SM, Mosley KL, Bigger BW, Ellard FM, Walmsley LE, Lawrence L, **Al-Allaf F**, Kingsman S, Coutelle C, Themis M. **Highly efficient EIAV-mediated in utero gene transfer and expression in the major muscle groups affected by Duchenne muscular dystrophy.** *Gene Therapy*, 2004, May, (13), 1-9.
10. Waddington SN, Nivsarkar MS, Mistry AR, Buckley SM, Kembell-Cook G, Mosley KL, Mitrophanous K, Radcliffe P, Holder MV, Brittan M, Georgiadis A, **Al-Allaf F**, Bigger BW, Gregory LG, Cook HT, Ali RR, Thrasher A, Tuddenham EG, Themis M, Coutelle C. **Permanent phenotypic correction of Haemophilia B in immunocompetent mice by prenatal gene therapy.** *Blood*, 2004 Nov 1;104(9):2714-21.
11. Simon N, Waddington, Kyriacos A, Mitrophanous, Suzanne M.K, Buckley, Megha Nivsarkar, Lorraine Lawrence, H. Terence Cook, **Faisal Al-Allaf**, Susan Kingsman, Charles Coutelle, Mike Themis. **Long-term transgene expression by administration of a lentivirus based vector to the fetal circulation of immunocompetent mice.** *Gene Therapy* 2003, 10 (15), 1234-40.
12. **Al-Allaf FA**. **Construction and analyses of EIAV-based lentivirus vectors for fetal gene therapy of familial hypercholesterolaemia and haemophilia-B.** PhD thesis, 2004. Imperial College London, University of London, UK.

13. **Al-Allaf FA. Analysis of Pax genes expression in pancreatic carcinoma cell lines by RT-PCR.** MSc thesis, 1998. Imperial College London, University of London, UK.

14. **Al-Allaf FA. Determination of nitric oxide levels in human placenta of gestational diabetes mellitus patients.** MSc thesis, 1997. King Saud University, KSA.