

## Curriculum vitae

### **Personal Data:**

- A. Name: OTHMAN IBRAHIM AL OMAIR
- B. Nationality: Saudi
- C. Religion: Islam
- D. Date & Place of birth: 15/11/1981, Riyadh
- E. Marital Status: Married
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- H. Address: King Saud University, Riyadh, Saudi Arabia

### **Qualifications:**

I have awarded Bachelor degree in ***Applied Medical Science*** and specifically ***radiographic sciences*** from King Saud University in Saudi Arabia, graduated with grade average point ***4.41 out of 5*** very good with second honor at 2005. I am specialist in Magnetic Resonance Imaging and I had been trained in this field for 4 months in King Faisal Specialist Hospital. I have worked for One & half years as demonstrator in the radiology department in the college of applied medical Sciences in King Saud University (KSU) from 2006 to 2008. I participated in teaching many courses: Magnetic Resonance Imaging Physics Course, Mobile Radiography Course, and Radiation Protection Course. I was working as supervisor for the internship students during their training in the hospitals.

In June 2010, I had awarded a master degree in magnetic resonance imaging technology for the Centre for Advanced imaging (CAI) at University of Queensland (UQ).

In July 2015, I had awarded a Degree of philosophy (PhD) in magnetic resonance imaging technology for the Centre for Advanced imaging (CAI) at University of Queensland (UQ). The PhD project was focused on optimizing high angular resolution diffusion imaging (HARDI) at 16.4 Tesla and application of this imaging technique in studying multiple sclerosis mouse model.

I am currently assistance professor in the college of the applied medical science. I am teaching two MRI courses; RAD 433: introduction to Magnetic Resonance Imaging and RAD 465: clinical application of Magnetic Resonance Imaging.

### **Training Courses:**

My internship program was at the King Faisal Specialist Hospital & Research Center, Riyadh, KSA for one year at 2005. I had summer training program 2003 in Saudi Aramco Hospital Where I have spent two months there in various radiology modalities. I had summer Training Program in the Specialized Medical center, Riyadh K.S.A where I spent two months in various radiology modalities and I have recommendation letter from the head of the radiology department there.

### **Language Skills:**

My mother language is Arabic but I am speaking English fluently and passed the International Language English test (ILET).

### **Publications**

#### **Conference Abstracts**

Alomair, O, Galloway, G, Brereton, I, Smith, M & Kurniawan, N 2012, 'In vivo High Angular Resolution Diffusion Imaging at 16.4 Tesla', paper presented to International society for Magnetic Resonance in Medicine (ISMRM) Melbourne, Australia (Electronic poster).

Alomair, O, Nematullah, K, Smith, M, Brereton, I, Galloway, G & Kurniawan, N 2013, 'High Resolution Ex-vivo diffusion MRI revealed complex MS pathology in relapsing remitting EAE mouse model', paper presented to ISMRM workshop Multiple Sclerosis as whole-brain disease, London, UK (Traditional poster).

Alomair, O, Nematullah, K, Smith, M, Brereton, I, Galloway, G & Kurniawan, N 2014, 'Detection of demyelination of the sensory and motor cortex in a mild EAE mouse model using diffusion weighted MRI', paper presented to ISMRM (International Society for Magnetic Resonance in Medicine), Milan, Italy (Electronic poster).

Alomair, O, Nematullah, K, Smith, M, Brereton, I, Galloway, G & Kurniawan, N 2014, 'Detection of demyelination of the sensory and motor cortex in a mild EAE mouse model using diffusion weighted MRI', paper presented to Australian Society of Molecular Imaging Scientific Symposium Brisbane, Australia (Traditional poster).

***Published peer paper***

Alomair, OI, Smith, M, Brereton, IM, Galloway, GJ & Kurniawan, ND 2014, 'Current developments in MRI for assessing rodent models of multiple sclerosis', *Future Neurology*, vol. 9, no. 4, pp. 487-51.

Alomair, OI, Smith, M, Brereton, IM, Galloway, GJ & Kurniawan, ND 2014, ' In vivo High Angular Resolution Diffusion-weighted Imaging of Mouse Brain at 16.4 Tesla', *PLoS ONE*, vol.10, no 6, pp e0130-133.