Curriculum Vitae

Name: Ali Mohammad Ibrahim Al-Radaideh
Date of Birth: 06/05/1981
Place of Birth Irbid-Jordan
Marital Status: Married
Nationality: Jordanian
Email Address: ali.radaideh@hu.edu.jo
Mobile: 00962(79)7646300

Academic Rank: Associate Professor, PhD.

Specialization:

Major: *Academic Radiology*
Minor: *Magnetic Resonance Imaging (MRI) [High and Ultra-High Field MRI]*

Academic Qualifications:

- Ph.D. in Academic Radiology (Magnetic Resonance Imaging; MRI), The University of Nottingham, Nottingham, U.K., 2010 [***Sir Peter Mansfield MR Center***]
  Thesis title "High Resolution Quantitative Imaging of Multiple Sclerosis at 7 Tesla"

- M.Sc. in Medical Imaging, University of Aberdeen, Aberdeen, U.K., 2007
  Dissertation title "A Study of Contrast Agents using Fast Field Cycling MRI"
  With Commendation

- B.Sc in Radiography, The Hashemite University, Zarqa, Jordan, 2003
  With Distinction *(*ranked **1st** in the department and faculty*)*

Employment:

11/2017-to present	Associate Professor. The Hashemite University. Zarqa-Jordan
11/2018 – 08/2020	Vice Dean of Faculty of Applied Health Sciences. The Hashemite University. Zarqa-Jordan
11/2017-to present	Associate Professor. The Hashemite University. Zarqa-Jordan
02/2011–11/2017	Assistant Professor. The Hashemite University. Zarqa-Jordan
09/2012–09/2017	Vice Dean of Faculty of Allied Health Sciences. Chairman of Department of Medical Imaging. The Hashemite University. Zarqa-Jordan
03/2011– 09/2017	Assistant Professor. Chairman of Department of Medical Imaging. The Hashemite University. Zarqa-Jordan
09/2008–12/2010	Research Associate. Sir Peter Mansfield Magnetic Resonance Centre (SPMMRC). University of Nottingham. Nottingham, U.K
01/2006–08/2006	Radiologic Technologist. Department of Medical Imaging. The Hashemite University. Zarqa-Jordan
01/2004–12/2005	Radiologic Technologist. Department of Radiology. Ibn Al-Haitham Hospital. Amman-Jordan

Boards and Committees served:

- Director of Radiological and Medical Imaging Accreditation Standards Committee.
- Member of numerous committees at the level of Department, Faculty.
- Member of Allied Health Sciences Faculty's Council (March 2011 – present).
- Member of Pharmacy Faculty's Council (September 2014 – September 2016).
- Member of Scientific Research Council – The Hashemite University. (2016/2017).
- Member of Graduate Studies Council – The Hashemite University. (2016/2017).

- Member of the Central Tenders Committee (2019/2020).
- A reviewer for different radiology journals.
- Editorial Board member of different journals.

Memberships:

- International Society for Magnetic Resonance in Medicine (ISMRM).
- Institute of Physics and Engineering in Medicine (IPEM).

Training Courses:

- Teaching Technology & Assessment in Higher Education (March, 2011).
- Learning Management System, Virtual Class Room Class Capturing System, Authoring Tool (November, 2011).
- Specialized Training for the Criteria of the King Abdullah II Award for Excellence in Governmental Performance and Transparency, King Abdullah II Center for Excellence (December, 2018).

Teaching Experience:

- Magnetic Resonance Imaging (MRI01_physical principles)
- Magnetic Resonance Imaging (MRI02_clinical applications)
- Computed Tomography (CT01_ physical principles)
- Computed Tomography (CT02_ clinical applications)
- Cross-Sectional Anatomy
- Principles of Radiologic Diagnosis
- Digital Imaging
- Medical Imaging Internship (1)
- Medical Imaging Internship (2)
- Medical Imaging Internship (3)
- Radiological Imaging Procedures (1)
- Radiological Imaging Procedures (2)
- Radiological Imaging Procedures (4)
- Contrast Media and Drugs in Radiography
- Special Topics in Medical Imaging
- Paediatric and Geriatric Radiography
- Seminar in Medical Imaging
- Quantitative Analysis of Medical Images

Research Areas and Interests:

- Clinical Applications of High and Ultra-High Field MRI.
  - MRI of Neurodegenerative diseases.
  - Abdominal fat measurement using MRI.
  - Hepatic fat assessment using MRI.
  - MRI tracking of bone marrow derived mesenchymal stem cells.
  - MRI of spinal cord injury

- Optimization of different imaging techniques at High and Ultra-High Field MRI.
  - Quantitative magnetic susceptibility mapping technique (QSM).
  - Quantitative Parametric Mapping (T1, T2, T2*, PD).
  - Diffusion Tensor Imaging (DTI).
  - Functional MRI (fMRI).

- Advanced Image Post-Processing and Analysis.
  - Cortical thickness and volume.
  - Image co-registration.
  - Image Segmentation.

- Abdominal Imaging using Computed Tomography (CT).
  - Hydatid cyst imaging.

Published Papers:

*[**ORCID:** 0000-0002-6287-6716; **Scopus Author ID:** 35114610400; **ResearcherID:** A-3677-2017]*
Researchgate: *https://www.researchgate.net/profile/Ali_Al-Radaideh ;*
Google Scholar: *https://scholar.google.com/citations?user=wbmbz1cAAAAJ*

1. Tallantyre, Emma C.; Dixon, Jennifer E.; Morgan, Paul S.; Brookes, Matthew J.; **Al-Radaideh, Ali Mohammad**; Evangelou, Nikos; Morris, Peter G. "A comparison of 3T and 7T in the detection of small parenchymal blood vessels within MS lesions". Investigative Radiology. 2009; 4(9): 491-494.

2. A.C.Hurley, **A. Al-Radaideh**, L. Bai, U. Aickelin, R. Coxon, P. Glover, P.A. Gowland. "Tailored RF pulse for magnetization inversion at ultrahigh field". Magnetic Resonance in Medicine. 2010; 63(1): 51-58.

3. Emma C Tallantyre, Paul S Morgan, Jennifer E Dixon, **Ali Al-Radaideh**, Matthew J Brookes, Peter G Morris, Nikos Evangelou. "3T and 7T MRI of Multiple Sclerosis Cortical Lesions". Journal of Magnetic Resonance Imaging. 2010;32 (4):971-977.

4. **Ali M Al-Radaideh**, Samuel J Wharton, Su-Yin Lim, Christopher R Tench, Paul S Morgan, Richard W Bowtell, Cris S Constantinescu, Penny A Gowland. "Increased iron accumulation occurs in the earliest stages of demyelinating disease: an ultra-high field susceptibility mapping study in Clinically Isolated Syndrome". Multiple Sclerosis Journal. 2013; 19(7) :917 – 924.

5. Lena Palaniyappan, **Ali Al-Radaideh**, Olivier Mougin, Penny Gowland and Peter F Liddle. "Combined White Matter Imaging Suggests Myelination Defects in Visual Processing Regions in Schizophrenia". Neuropsychopharmacology. 2013; 38(9): 1808–1815.

6. Anna I. Blazejewska, **Ali M. Al-Radaideh**, Sam Wharton, Su Yin Lim, Richard W. Bowtell, Cris S. Constantinescu, Penny A. Gowland. "Increase in the iron content of the substantia nigra and red nucleus in multiple sclerosis and clinically isolated syndrome: A 7 Tesla MRI study". Journal of Magnetic Resonance Imaging. 2014; 41(4): 1065–1070.

7. **Ali M. Al-Radaideh**, Olivier E. Mougin, Su-Yin Lim, I-Jun Chou, Cris S. Constantinescu, Penny A. Gowland. "Histogram analysis of quantitative T1 and MT maps from ultrahigh field MRI in Clinically Isolated Syndrome and Relapsing Remitting Multiple Sclerosis". NMR Biomed. 2015; 28(11) :1374-1382.

8. Matthew J. Cronin, Samuel Wharton, **Ali Al-Radaideh**, Cris Constantinescu, Nikos Evangelou, Richard W.Bowtell, Penny A. Gowland. "A comparison of phase imaging and quantitative susceptibility mapping in the imaging of multiple sclerosis lesions at ultrahigh field". Magnetic Resonance Materials in Physics, Biology and Medicine. 2016; 29(3): 543-57.

9. **Ali M. Al-Radaideh**, Eman M. Rababah. “The Role of Magnetic Resonance Imaging in the Diagnosis of Parkinson's Disease: A review”. Clinical Imaging. 2016; 40(5): 987-996.

10. **Ali Al-Radaideh**, Reema Tayyem, Kholoud Al-Fayomi, Nisreen Nimer, Amer Malkawi, Rana Al-Zu’bi, Lana Agraib, Imad Athamneh, Nawal Hijjawi. “Assessment of Abdominal Fat Using High-Field Magnetic Resonance Imaging and Anthropometric and Biochemical Parameters”. American Journal of the Medical Sciences. 2016; 352(6): 593-602.

11. **Al-Radaideh Ali M**, Hijjawi Nawal S, Abdelfattah Ali M, Al-Khreisat Mutaz J, Bani-Hani Kamal E. “A 10-year retrospective study on hydatid disease in Jordan with emphasis on the role of imaging in its diagnosis”. International Journal of Medical Research and Health Sciences. 2017; 6(1): 32-41.

12. Said Dahbour, Fatima Jamali, Dana Alhattab, **Ali Al-Radaideh**, Osama Ababneh, Nosaiba Al-Ryalat, Muawyeh Al-Bdour, Bayan Hourani, Mohammad Msallam, Murad Rasheed, Yacoub Bahou, Emad Tarawneh, Abdalla Awidi. "Mesenchymal stem cells and conditioned media in the treatment of multiple sclerosis patients: Clinical, ophthalmological and radiological assessments of safety and efficacy". CNS Neuroscience & Therapeutics. **2017**; 23(11): 866-874.

13. Nawal S. Hijjawi, **Ali M. Al-Radaideh**, Eman M. Rababah, Khaled M. Al-Qaoud, Kamal E. Bani-Hani. "Cystic echinococcosis in Jordan: A review of causative species, previous studies, serological and radiological diagnosis". Acta Tropica. **2017**; 12;179:10-16.

14. I-Jun Chou, Su-Yin Lim, Radu Tanasescu **Ali Al-Radaideh**, Olivier E. Mougin, Christopher R. Tench, William P. Whitehouse, Penny A. Gowland, Cris S. Constantinescu. "Seven-Tesla Magnetization Transfer Imaging to Detect Multiple Sclerosis White Matter Lesions". Journal of Neuroimaging. **2018**; 28(2):183-190.

15. Nawal Hijjawi, **Ali Al-Radaideh**, Kholoud I. Al-Fayomi, Nisreen A. Nimer, Hadeel A. Alabadi, Rana M. Al-Zu’bi, Lana M Agraib, Sabika S. Allehdan, Reema Tayyem. "Relationship of Serum Leptin with some Biochemical, Anthropometric Parameters and Abdominal Fat Volumes as Measured by Magnetic Resonance Imaging". Diabetes and Metabolic Syndrome Clinical Research and Reviews. **2018**; 12(3):207-213.

16. Reema F. Tayyem, Nawal S. Hijjawi, Hiba A. Bawadi, Nisreen A. Nimer, Lana M. Agraib, Sabika S. Allhedan, Shatha Hammad, **Ali M. Al-Radaideh**. "Exploration of micro- and macronutrient consumption and leverage of interaction with adipokines among Jordanian adults". Clinical Practice **2018**; 15(1): 410-423.

17. **Ali M. Al-Radaideh**, Hamzi Omari, Kamal E. Bani-Hani. "Adult intussusception: A 14-year retrospective study of clinical assessment and computed tomography diagnosis". Acta Gastro-Enterologica Belgica. **2018**; 81(3):367-372.

18. Reema F. Tayyem, Nawal S. Hijjawi, Narmeen Al-Awwad, Sabika S. Allhedan, Lana M. Agraib, Nisreen A. Nimer, **Ali M. Al-Radaideh**. "Association between Intakes of Macro- and Micro- Nutrients and Serum Lipid Profiles among Jordanian Adults: A Preliminary study". Progress in Nutrition **2018**; 20(3): 361-371.

19. **Ali Al-Radaideh**; Imad Athamneh; Hadeel Alabadi; Majed Hbahbih. "Cortical and subcortical morphometric and iron changes in relapsing-remitting multiple sclerosis and their association with white matter T2 lesion load: A 3-Tesla magnetic resonance imaging study". Clinical Neuroradiology. **2019**; 29(1):51-64.

20. Lena Palaniyappan, **Ali Al-Radaideh**, Olivier E Mougin, Tushar Kanti Das, Penny Gowland, Peter F Liddle. "Aberrant Myelination of the Cingulum and Schneiderian Delusions in Schizophrenia: A 7T Magnetization Transfer Study". Psychological Medicine. **2019**; 49(11):1890-1896.

21. **Ali Al-Radaideh**, Reema Tayyem, Kholoud Al-Fayomi, Nisreen Nimer, Ahmad Almomani, Sabal Alhajjaj, Lana Agraib, Nawal Hijjwi. "The Association Of Hepatic Fat Percentage With Selected Anthropometric And Biochemical Parameters At 3 Tesla Magnetic Resonance Imaging". British Journal of Biomedical Science. **2019**; 76(2):70-76.

22. Reema F. Tayyem, **Ali M. Al-Radaideh**, Shatha Hammad, Sabal Al-Hajaj, Sabika S Allehdan, Lana M. Agraib, Kholoud I. Al-Fayomi, Amer A. Malkawi, Nawal S. Hijjawi. "Subcutaneous and Visceral Fat Volumes Measured by MRI and its Relationship with Nutrients Intake among Adults". Asia Pacific Journal of Clinical Nutrition. **2019**; 28(2):300-309.

23. Nisreen Himsawi, Nawal Hijjawi, **Ali Al-Radaideh**, Mohammad Al-Tamimi. "Seroprevalence of cystic echinococcosis in a high-risk area (Al-Mafraq Governorate) in Jordan, using indirect hemagglutination test". Parasite Epidemiology and Control. 2019, 3, e00104.

24. Alaa A. A. Aljabali, Mazhar S. Al Zoubi, Khalid M. Al-Batanyeh, **Ali Al-Radaideh**, Mohammad A. Obeid, Abeer Al Sharabi, Walhan Alshaer, Bayan AbuFares, Tasnim Al-Zanati, Murtaza M. Tambuwala, Naveed Akbar and David J. Evans. "Gold-coated plant virus as computed tomography imaging contrast agent". Beilstein Journal of Nanotechnology. **2019,** *10,* 1983–1993.

25. Lena Palaniyappan, **Ali Al-Radaideh**, Penny A. Gowland, Peter F Liddle. "Cortical thickness and formal thought disorder in schizophrenia: An ultra high-field network-based morphometry study". Progress in Neuro-Psychopharmacology and Biological Psychiatry. **2020,** 101, 109911**.**

26. Alia A. Alghwiri, Fatima Jamali, Mayis Aldughmi, Hanan Khalil, Alham AlSharman, Dana Alhattab, **Ali Al-Radaideh**, Abdalla Awidi. "The effect of stem cell therapy and comprehensive physical therapy in motor and nonmotor symptoms in patients with multiple sclerosis: A comparative study". Medicine. **2020,** 99(34), e21646.

27. **Ali Al-Radaideh**; Imad Athamneh; Hadeel Alabadi; Majed Hbahbih. "Deep grey matter changes in relapsing-remitting multiple sclerosis detected by multi-parametric, high-resolution magnetic resonance imaging (MRI)". European Radiology. 2020, 31 (2), 706–715.

28. **Ali Al-Radaideh**; Nawal El-Haj; Nawal Hijjawi. "Iron deposition and atrophy in cerebral grey matter and their possible association with serum iron in relapsing-remitting multiple sclerosis". Clinical Imaging. **2021,** 69, 238-242**.**

Conferences Abstracts

1. **Ali Al-Radaideh**, Paul Morgan, Emma Tallantyre, Matthew Brookes, Jennifer Dixon, Nikos Evangelou, Penny Gowland, Richard Bowtell, Peter Morris. “Multimodal

registration to improve the detection of cortical lesions in Multiple Sclerosis utilised both 7T and 3T MRI". British Chapter 2008, Newcastle.

2. Kareen V, Jones NW, **Al-Radaideh A**, Coyne L, Costigan C, Paus T, Pausova Z, Gowland P, Bugg GJ. "Fetal kidney growth assessed by MRI". Blair Bell Research Society Annual Competition Meeting 2008.

3. Anna Mlynarczyk, Paul Morgan, Emma Tallantyre, **Ali Al-Radaideh**, Peter Morris. "Detection of Multiple Sclerosis lesions with high field MRI experimental system Philips 7T". XLI Polish Seminar on Nuclear Magnetic Resonance and Its Applications. Kraków, 1-2 December 2008.

4. Tallantyre, Emma C.; Dixon, Jennifer E.; Morgan, Paul S.; Brookes, Matthew J.; **Al-Radaideh, Ali Mohammad**; Evangelou, Nikos; Morris, Peter G. "Comparing 3T and 7T in the Detection of Small Parenchymal Blood Vessels in MS Lesions". ISMRM 2009, Hawaii, USA.

5. Tallantyre, Emma C.; Dixon, Jennifer E.; Brookes, Matthew J.; **Al-Radaideh, Ali Mohammad**; Morgan, Paul S.; Evangelou, Nikos; Morris, Peter G. "Detection of Cortical Lesions in Multiple Sclerosis Using FLAIR, DIR and Ultra High Field MPRAGE" ISMRM 2009, Hawaii, USA.

6. Morgan, Paul S.; Tallantyre, Emma C**.; Al-Radaideh, Ali Mohammad**; Dixon, Jennifer E.; Brookes, Matthew J.; Evangelou, Nikos; Morris, Peter G. "Dynamic Contrast Enhanced Whole Brain Perfusion Using a Rapid 3D T1-Weighted Sequence at 7T". ISMRM 2009, Hawaii, USA.

7. Mougin, Olivier E.; **Al-Radaideh, Ali Mohammad**; Coxon, Ron; Tallantyre, Emma C.; Brookes, Matthew J.; Evangelou, Nikos; Gowland, Penny Anne. "High Resolution Magnetization Transfer Imaging at 7T". ISMRM 2009, Hawaii, USA.

8. **Al-Radaideh, Ali Mohammad**; Brookes, Matthew J.; Mougin, Olivier E.; Tallantyre, Emma C.; Evangelou, Nikos; Lim, Su-Yin; Pitiot, Alain; Constantinescu, Cris; Morgan, Paul S.; Morris, Peter G.; Gowland, Penny Anne. "High Resolution White Matter T1 Mapping in Multiple Sclerosis at 7T". ISMRM 2009, Hawaii, USA.

9. **Al-Radaideh, Ali Mohammad**; Kareem, Vian; Costigan, Carolyn; Jones, Nia; Paus, Tomas; Bugg, George; Gowland, Penny Anne. "Measuring Blood Movement in the Placenta Using IVIM at 1.5 T". ISMRM 2009, Hawaii, USA.

10. Dixon, Jennifer Elizabeth; Morgan, Paul S.; Brookes, Matthew J.; **Al-Radaideh, Ali Mohammad;** Tallantyre, Emma C.; Evangelou, Nikos; Morris, Peter G. "Optimisation of 7T Double-Inversion Recovery (DIR) Imaging to Improve Detection of MS Lesions In Vivo". ISMRM 2009, Hawaii, USA.

11. Dixon, Jennifer Elizabeth; Brookes, Matthew J.; Morgan, Paul S.; **Al-Radaideh, Ali Mohammad**; Tallantyre, Emma C.; Evangelou, Nikos; Morris, Peter G. "Optimisation of T2* Imaging for the Investigation of White-Matter MS Lesion Heterogeneity". ISMRM 2009, Hawaii, USA.

12. Hurley, Aaron Christopher; Coxon, Ron; **Al-Radaideh, Ali Mohammad**; Aickelin, Uwe; Bai, Li; Gowland, Penny Anne. "Tailored Shaping and Time Resampling Functions for Inversion Pulses at 7T". ISMRM 2009, Hawaii, USA.

13. EC Tallantyre, JE Dixon, **A Al-Radaideh**, MJ Brookes, PS Morgan PG Morris and N Evangelou. "Novel 7-Tesla morphological feature distinguishes between demyelinating and ischemic white matter brain lesions". ISMRM 2009, Hawaii, USA.

14. Emma C. Tallantyre, Paul S. Morgan, Jennifer E. Dixon, **Ali Al-Radaideh**, Matthew J. Brookes, Nikos Evangelou, Peter G. Morris. "7-Tesla MRI Improves the Detection of Cortical Lesions in Multiple Sclerosis". American Academy of Neurology meeting 2009, Seattle, USA.

15. SY Lim, **A. Al-Radaideh**, C. R. Tench, P.Gowland, C. S. Constantinescu. "T1 Relaxometry of the thalamus in Clinically Isolated Syndrome using 7 Tesla MRI". ECTRIMS 2009.

16. **Ali Al-Radaideh**, Olivier Mougin, Su-Yin Lim, Christopher Tench, Cris Constantinescu, Penny Gowland. "High resolution Magnetization Transfer Ratio (MTR) mapping in Multiple Sclerosis". British Chapter 2009, Cardiff, UK.

17. **Ali Al-Radaideh**, Olivier Mougin, Su-Yin Lim, Christopher Tench, Cris Constantinescu, Penny Gowland. "Magnetization transfer (MT) and endogenous Chemical exchange saturation transfer (CEST) effects in patients with clinically isolated syndrome". ISMRM 2010, Stockholm, Sweden.

18. **Ali Al-Radaideh**, Olivier Mougin, Su-Yin Lim, Christopher Tench, Cris Constantinescu, Penny Gowland. "Magnetization transfer (MT) and endogenous Chemical exchange saturation transfer (CEST) effects in patients with clinically isolated syndrome". ISMRM 2010, Stockholm, Sweden.

19. **Ali Al-Radaideh**, Samuel Wharton,Su-Yin Lim, Christopher Tench, Cris Constantinescu, Richard Bowtell, Penny Gowland. "High Resolution Magnetic Susceptibility mapping in patients with Clinically Isolated Syndrome". ISMRM 2010, Stockholm, Sweden.

20. E. L. Hall, **A. M. Al-Radaideh**, S. Y. Lim, S. T. Francis, P. A. Gowland. "Fast T1 Mapping at 7T using Look-Locker TFEPI". ISMRM 2010, Stockholm, Sweden.

21. **Ali Al-Radaideh**, Olivier Mougin, Su-Yin Lim, Christopher Tench, Cris Constantinescu, Penny Gowland. "Magnetization transfer (MT) and endogenous Chemical exchange saturation transfer (CEST) effects in patients with clinically isolated syndrome at 7T". British Chapter ISMRM Post-Graduate Magnetic Resonance Symposium 2010, London, UK.

22. **Ali Al-Radaideh**, Rosa Sanchez, Samuel Wharton, Susan Francis, Richard Bowtell, Penny Gowland, Denis Schluppeck. "High-Resolution Phase, Susceptibility-Weighted and BOLD fMRI Measurements of the Human Lateral Geniculate Nucleus at 7T". British Chapter 2010, Nottingham, UK.

23. Su-Yin Lim, **Ali Al-Radaideh**, Christopher R. Tench, Penny A. Gowland, Cris S. Constantinescu. "Assessment of Deep Grey Matter Atrophy in Clinically Isolated Syndrome (CIS) using 7 Tesla MR Imaging". ECTRIMS, Gothenburg, Sweden 2010.

24. Su-Yin Lim, **Ali Al-Radaideh**, Christopher R. Tench, Penny Gowland, Cris S. Constantinescu. "MRI study of the thalamus in Optic Neuritis and other presentations of Clinically Isolated Syndrome". INOS 2010.

25. Anna Blazejewska, **Ali Al-Radaideh**, Olivier Mougin, Su Yin Lim, Richard W. Bowtell, Cris S. Constantinescu, and Penny A. Gowland. "Peri-lesional White Matter Changes in

Clinically Isolated Syndrome Suggestive of Demyelination on MTR and MPRAGE at 7T". ISMRM 2011.

26. Anna Blazejewska, **Ali Al-Radaideh**, Samuel Wharton, Su Yin Lim, Cris S. Constantinescu , Richard W. Bowtell, and Penny A. Gowland. "Increase in the iron content of the substantia Nigra and red nucleus in multiple sclerosis / Clinically isolated syndrome using 7T MRI". ISMRM 2011.

27. **Ali Al-Radaideh**. "Quantitative MRI of Multiple Sclerosis (MS)". The 9th International Jordanian Conference of the Jordanian Radiological Society 2014.

28. **Ali Al-Radaideh**, Majed Habahbeh, Hadeel Alabadi, Nawal Hijjawi, Abeer Haza'a, Imad Athamneh. "High Resolution Quantitative Magnetic Resonance Imaging of Multiple Sclerosis at 3T". The 7th International Conference of the Royal Medical Services 2014.

29. Majed Habahbeh, Imad Athamneh, Hadeel A. Alabadi, Abeer A. Hazza'a, Nawal S. Hijjawi, **Ali M. Al-Radaideh**. "High Resolution, Quantitative Magnetic Susceptibility and Phase Mapping MRI techniques show increased iron deposition in patients with Multiple Sclerosis". ECTRIMS, London, UK 2016.

30. Lena Palaniyappan, **Ali Radaideh**, Olivier Mougin, Penny Gowland, and Peter Liddle. "Aberrant Myelination of the Cingulum Bundle in Patients with Schizophrenia: A 7T MTI/DTI Study". Sixth Biennial SIRS Conference, Florence, Italy 2018 (Schizophrenia Bulletin 44(suppl_1):S180-S180).

31. Lena Palaniyappan, **Ali Al-Radaideh**, Penny Gowland, and Peter Liddle. "Spatial Incoherence of Large-Scale Cortical Networks Relates to Formal Thought Disorder in Disorder in Schizophrenia: A 7T MRI-Based Thickness Study". Sixth Biennial SIRS Conference, Florence, Italy 2018 (Schizophrenia Bulletin 44 (suppl_1):S180-S180).

32. **Ali Al-Radaideh**, Hadeel Alabadi, Imad Athamneh, Majed Habahbeh,. "Cortical and Subcortical Morphometric and Iron Changes in Relapsing-Remitting Multiple Sclerosis and Their Association with White Matter T2 Lesion Load: A 3-Tesla Magnetic Resonance Imaging Study". The 9th International Conference of the Royal Medical Services 2018.

Thesis Supervising:

Abeer Haza'a (2016). *A Multi-Modal Study of Multiple Sclerosis using Magnetic Resonance Imaging, Hormonal Analysis and Detection of Antibodies against Toxoplasma gondii parasite among Jordanian MS Patients*. The Hashemite University.

Nisreen Himsawi (2017). *Investigating the incidence rate of hydatid disease among residents in Al-Mafraq using immunological and imaging techniques*. The Hashemite University.

Nawal Alhaj (2018). Differential diagnosis of multiple sclerosis using MRI imaging and selected clinical and biochemical tests. The Hashemite University.

Technical Skills / Softwares:

- **Linux and Unix operating systems.**
- **Matlab** (Focus on Image processing and Analysis).
- **FSL** (FMRIB Software Library).
- **FreeSurfer** (Brain structures segmentation).
- **SurfRelax** (Brain Flattening).
- **MRIcro / MRIcron** (MRI and CT image analysis).

- **Analyze** (quantitative analysis of MRI images).
- **JIM** software.
- **ExploreDTI**.
- **SliceOmatic**.
- **ImageJ** (Java based image analysis program).
- **3D Slicer** (software package for visualization and image analysis).
- **MR tools** for fMRI analysis.
- **Statistical Parametric Mapping** (SPM).
- **SPSS** (Statistical Package).
- **Microsoft windows, Word, Excel, and PowerPoint**.
- **LaTex** (a document markup language).
- **Drawing Softwares** (Photoshop, Inkscape, and Gimp).