

## Publications:

1. Waqar, M., et al., *Cerebral and tumoral blood flow in adult gliomas: a systematic review of results from magnetic resonance imaging*. Br J Radiol, 2021. **94**(1125): p. 20201450.
2. Mahmood, R.D., et al., *Effect of oxaliplatin plus 5-fluorouracil or capecitabine on circulating and imaging biomarkers in patients with metastatic colorectal cancer: a prospective biomarker study*. BMC Cancer, 2021. **21**(1): p. 354.
3. Li, K.L., et al., *The LEGATOS technique: A new tissue-validated dynamic contrast-enhanced MRI method for whole-brain, high-spatial resolution parametric mapping*. Magn Reson Med, 2021. **86**(4): p. 2122-2136.
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5. Yu, X., et al., *Changes in the Corticospinal Tract Beyond the Ischemic Lesion Following Acute Hemispheric Stroke: A Diffusion Kurtosis Imaging Study*. J Magn Reson Imaging, 2020. **52**(2): p. 512-519.
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Publ Springer 2008

### **Critical Reviewer**

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Editor in Chief: Susan Standring

Churchill Livingstone

ISBN 0 443 07168 3

Published November 2004

Gray's Anatomy - 40<sup>th</sup> Edition

Editor in Chief: Inta Ozols

Reviewed: Ventricular System

Churchill Livingstone

ISBN 0 443 07168 3

Published November 2004

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[Mills SJ](#), [Soh C](#), [Cheung S](#), [O'Connor JP](#), [Zhao S](#), [Parker GJ](#), [Jackson A](#). Quantifying the Proportion of Enhancement in Relation to IAUC Thresholds; a Comparison with Other Measures of Enhancement in Adult Gliomas. Proceedings of the ISMRM 2008: p3485

[Petersen ET](#), [Golay X](#), and [The QUASAR Reproducibility](#) Study (of which A Jackson is a member). Is Arterial Spin Labeling Ready for Prime Time? Preliminary Results from the QUASAR Reproducibility Study Proceedings of the ISMRM 2008: p191

[Petersen ET](#), [Zimine I](#), [Golay X](#), and [The QUASAR Reproducibility](#) Study (of which A Jackson is a member). Validation of User Independent Planning Tool for Consistent Data Acquisition in Multi-Center Trials Proceedings of the ISMRM 2008: p3101

## **INVITED LECTURES**

North West Regional Radiologists Association. Imaging the patient with low back pain 1990

North West Radiologists Association. Imaging the Orbit 1991

North of England Association of Ophthalmology. The use of magnetic resonance imaging in the orbit. 1992

Central Manchester Audit Committee. Audit of imaging investigation of the failing haemodialysis shunt 1993

St Marys Hospital Radiology Audit Group. Audit Two Years On, Success or Failure? 1993

North West Regional Radiologists Association. Imaging of white matter disease 1992

Royal College of Ophthalmologists. The imaging of orbital trauma. 1993

North West Region School of Audiology, National course on imaging in audiology. 1993

- Imaging techniques
- The anatomy of the petrous bone
- Imaging strategies for acoustic schwannoma

North West Regional Radiologists Association. Advances in Magnetic Resonance Imaging. 1993

North West Regional Radiologists Association. Imaging the orbit. 1994

Royal College of Radiologists Introductory MRI Course. Glomus tumours and acoustic neuromas 1994

Regional Ophthalmologists Association, Stepping Hill Hospital. Imaging the orbit 1995

Rochdale Postgraduate Medical Society. Imaging in Headache. 1995

British Institute of Radiology, Refresher Course in Neuroradiology. The Orbit. 1995

The Sheffield Postgraduate Medical Society. Imaging in Orbital Disease. 1995

Manchester Geriatrics and Rehabilitation Group: Barnes Hospital. Imaging of Stroke. 1995

North West Regional Radiologists. The Ian Young Memorial Lecture. Imaging the Orbit 1995

Spinal Imaging including the Post-operative Spine Cervical spine radiology. British Institute of Radiology, London. 1996

Neurology. Synchrotron X-rays in Medicine Meeting. Warrington. 1996

Orbital MR. Ophthalmology Meeting. Manchester. 1996

Advances in magnetic resonance imaging. Royal College of Physicians of London, Regional Conference, Manchester, September 1997.

Assessment of patients with carotid occlusions. Philips Gyroscan Clinical Science Day "Flow in MR", Leeds., October 1997.

MR imaging for cochlea implants. 3D Visualisation and Virtual Reality in Medicine, Institute of Laryngology, London, November 1997.

Advances in MRI in otology. Recent Advances in Imaging at the Summer Meeting of the Sections of Laryngology and Rhinology and Otology. Royal Society of Medicine, London, June 1998.

Magnetic resonance of orbital disease. Yorkshire Ophthalmic Working Group, Pontefract, October 1998.

CT & MRI: Basic principles of techniques and application, Neuroimaging Training Day, MRI, November 1998.

MRA for planning and follow up of endovascular coiling. Philips Medical Systems , 4<sup>th</sup> Philips Gyroscan Clinical Science Day, October 1999.

Quantifying microcirculation in tumours. Philips Medical Systems , 4<sup>th</sup> Philips Gyroscan Clinical Science Day, October 1999.

Dynamic contrast imaging in brain tumours. Why do we do it and how do we do it? Neuroradiology Study Day, Nottingham University, September 2000.

Dementias. 17<sup>th</sup> Annual Meeting of the European Society for Magnetic Resonance in Medicine and Biology, Paris, September 2000.

Getting it wrong: Things to avoid! Research Methodology Meeting, RCR, Royal Marsden Conference Centre, London, October 2000.

Basic principles – “The impact of computers and information technology on the future of imaging. European Seminars on Diagnostic and Interventional Radiology (ESDIR), Turkey, October 2000.

Angiogenesis – Pathology and Radiology. 7<sup>th</sup> Annual Meeting of the European Society of Musculoskeletal Radiology, Leiden, October 2000.

First pass imaging of tumours – 5<sup>th</sup> Clinical Science Day, Philips Medical Systems, Leeds, November 2000

Imaging function – advances in Magnetic Resonance Imaging. Manchester Medical Society. January 2001.

Advanced image processing: Virtual endoscopy. European Congress of Radiology, March 2001.

ENT Applications, ECR, March 2001

fMRI, Oral & Maxillofacial Conference Group, Wilmslow, April 2001

Visual symptoms and signs – how to image Royal College of Obstetricians and Gynaecologists, London, November 2001

Measuring endothelial permeability in hepatic tumours, Aberdeen, November 2001

Blood flow quantification, Philips Users Meeting, Groenendal, January 2002



Parametric images, ECR 2002, Vienna, March 2002

Contrast enhancement, ECR 2002, Vienna March 2002

Imaging of angiogenesis in brain tumours, Brussels, April 2002

Approaches to orbital imaging, Birmingham, UKRC, June 2002

Advances in neuro imaging of the elderly. Radiology 2002 Congress. Birmingham, June 2002

A new method for quantitative measurement of cerebral blood flow, UKRC, June 2002

The aging brain. UKRC June 2002.

Functional imaging of brain tumours, London, September 2002

Advances on MR imaging of perfusion permeability, London, November 2002

Attracting Money. Stimulating Radiology Research Meeting, London, November 2002

Functional imaging in tumours, London, December 2002

Attracting funding for radiology research, London, February 2003

Clinical Imaging. Brain injury research in Manchester: Activity and prospects Meeting. Manchester. March 2003.

Imaging microvasculature structure with contrast enhanced magnetic resonance imaging. 7<sup>th</sup> Sir Godfrey Hounsfield Lecture, BIR, London, May 2003

Exploring MR Data: an Introduction to Visualisation and Algorithmic Processing Techniques. Birmingham UKRC. June 2003.

Functional imaging of angiogenesis using magnetic resonance. Biotherapy of Cancer Meeting. Munich, September 2003

Tumoral neoangiogenesis – Clinical. 20<sup>th</sup> Annual meeting of the ESMRMB, September 2003.

Practical applications of newer neuro MR techniques. "Hope of Hype? One-day Meeting of Diagnostic Methods Committee of the BIR. London, January 2004

New frontiers on imaging the injured brain in adults and children. Trauma Audit and Research Network Meeting, Manchester, February 2004

Characterisation of tumour microvasculature. 15<sup>th</sup> International Congress on Anti-Cancer Treatment, Paris, February 2004

Angiogenesis. State of the Art Symposium on Molecular Imaging, ECR March 2004

Brain tumour characterisation. ESMRMB, September 2004

Advanced Imaging Techniques, 3<sup>rd</sup> Physiological Flows Network Meeting, Oxford, May 2006

Grantsmanship: The Essentials. Grant Writing Session, ISMRM, May 2006

Developments in CT perfusion. UKRC, Birmingham. May 2006

Quantifying microvascular brain disease: identification of potential imaging-based biomarkers. MIUA, Manchester, July 2006

Advances impact on radiology. Blue Skies Lecture, RCR, London, September 2006

Image of brain tumours and recent developments. BSNR, Hull, October 2006

MR biomarkers of angiogenesis and microvascular structure in cancer. HMDP Visiting Expert Programme, Singapore, October 2006

Imaging in orbital disease. HMDP Visiting Expert Programme, Singapore, October 2006

Imaging microvascular disease in the brain – identification of quantitative biomarkers for drug development. HMDP Visiting Expert Programme, Singapore, October 2006.

MR biomarkers of cerebral microvascular disease. Imaging Event, Manchester, February 2007

Development of advanced MR imaging techniques for use in anti cancer drug development. British Chapter of the ISMRM, Birmingham, September 2007

Picking a project and getting started: Choice of project area of interest, collaborators and supervisor. RCR Research Day – How to get started in Research. RCR, London, November 2007.

Biomarkers in microvascular disease. BSNR, Manchester, October 2008

Imaging features related to small vessel abnormalities and their effects on the brain, Psychology Department, Edinburgh University, March 2009

Advanced MRI on drug development. 4th Annual Imaging in Clinical & Pre-clinical Drug Development Conference, San Fransisco, March 2009

Imaging Biomarkers in oncology: an introduction. 14<sup>th</sup> BII Symposium – Cancer Imaging, Manchester, March 2009

"Clinical applications of MRI", Mayneord-Phillips Summer School 21st century radiotherapy : State-of-the-art and predicting the future session, Oxford, July 2009

"Clinical applications of MRI", Liverpool Medical Imaging Network Group, Liverpool, September 2009

"Imaging of dementia in the elderly brain", RCR 2009 Clinical Radiology Annual Scientific Meeting - Session Title Imaging of the Old Age, London, September 2009

"Key advances in Research and Treatment of Brain Tumours". Royal Society of Medicine Symposium, London, November 2009

"Role of PET, CT and combined technology in oncology", MRI Angio and Neuro Council Meeting, Boston, March 2010

"MR based characterisation of the tumour microenvironment, case study in cerebral gliomas", Oxford, March 2010

"Developing an Academic Research Career: Obstacles + Approaches" RCR Training Day, London, April 2010

"Functional imaging: In Vivo evidence of therapeutic effects" RCP, London, May 2010

"Measurement of tumour vascular support in early phase clinical trials", ECMC Imaging and Angiogenesis Workshop, RCP, London, May 2010

"Probing tumoural vascular microenvironment using DCE-MRI - clinical and research applications", Symposium on Imaging and Angiogenesis, Austria, June 2010