

Please help us to keep the R+D Bulletin topical and useful by sending us your news, events, publications and comments – the Bulletin is compiled by Communications Officer [Claire Mooney](#), who can be contacted on 0161 206 8161 or 0161 206 5110.

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Salford R+D oversees research and development on behalf of [Salford Royal NHS Foundation Trust](#).



@SalfordRD



News

Kidney specialists lead the way

Two of Salford Royal's kidney specialists have been appointed to two of the highest positions in the UK's Renal Association.

Professor Donal O'Donoghue will take up his post as President of the Association in June, while Professor Phil Kalra will become Academic Vice President in September. They will each serve for two years.

The Renal Association, founded in 1950 and the world's first renal society, is the professional body for nephrologists (renal clinicians) and renal scientists in the UK. It promotes research and helps to educate the kidney specialists of the future.

Over the last 25 years Salford has been the test bed for many of the UK's improvements in nephrology and also leads the Lancet Global Kidney Health Campaign.

Read more about these prestigious appointments on our [website](#).

Thank you for taking part in research

This year is the [National Institute for Health Research's](#) 10th anniversary. The celebrations around International Clinical Trials Day this Friday, 20 May, are themed around saying thank you to everyone who has taken part in research in the last decade.

Research Nurses will be holding a stall in Hope Building between 10am and 2pm on ICTD, when they will be talking to staff, patients and visitors about the 500+ studies that are carried out here each year and how research improves NHS care.

Salford R+D is also backing the thank you campaign on social media, with research-active staff from throughout the Trust having their photos tweeted with a thank you message. Please follow [@SalfordRD](#) to see the campaign and if you're on Twitter, please retweet some of the thank yous.

Our work in the media spotlight

Research Physiotherapist Dr Ulrike Hammerbeck, Research Speech and Language Therapist Claire Mitchell and patients Carl Brown and Peter Bithell appeared on [Granada News](#) on Tuesday to highlight some of the research going on in stroke rehabilitation at Salford Royal. Granada was following up on a news release from the Stroke Association which said that while major strides have been made in the way stroke is treated in hospital, well over a third (42%) of stroke survivors in the North West reported that they left hospital without a care plan, returning home without appropriate support in place for their recovery. The news

report highlighted the positive experiences of patients taking part in research in Salford.

Meanwhile research led by Salford Royal Respiratory Consultant Dr Ronan O’Driscoll into oxygen use in hospitals was the subject of a media release from the British Thoracic Society. This featured in [The Observer](#) and in the [Nursing Times](#). The research revealed that one in seven patients in UK hospitals are given oxygen therapy for their condition on any given day but more than four in 10 of these patients (about 6,000 on an average day) are receiving oxygen with no prescription or other written order to help ensure that staff deliver and monitor oxygen use safely and effectively. The data shows Salford Royal is well ahead, however – in the last two years 96 per cent have had a valid prescription.

The BBC’s [Inside Science radio programme](#) focussed on the biggest yet study of the relationship between genes and educational attainment. A huge number of environmental factors influence this trait, but genes also play a small role. In the new study, a large team of researchers – including Salford Royal’s Bill O’llier, Neil Pendleton and Michael Horan - looked at more than 300,000 people and identified 74 genetic variants, slight differences in our DNA, that do seem to associate with how long those individuals stayed in formal education.

Also on the BBC, [Horizon’s show ‘Curing Alzheimer’s’](#) included a report on the Aducanumab trial for patients who have begun to experience some memory difficulties but haven’t yet had a diagnosis of Alzheimer’s disease. Salford Royal will be able to offer the opportunity to participate in this study by the end of this month.

The future of ageing

Our next Professorial Lecture will look at the future of ageing and current topics in ageing research. Professor Neil Pendleton, Professor of Medical Gerontology at The University of Manchester, Deputy Director of [Manchester Institute for Collaborative Research on Ageing](#) (MICRA), and Consultant Geriatrician at Salford Royal, will also speak about the opportunities and challenges that exist in this field in the changing world.

His lecture is on 20 June, 5.30-7pm, in Humphrey Booth Lecture Theatre, Mayo Building, Salford Royal. Register [here](#).

Thanks for supporting Mary’s brain injury head shave

Working with patients with brain injuries inspired [Research Nurse Mary Howard-Johnes](#) to have half her head shaved for charity.

Mary decided to go for the half and half look because she’s cared for so many people who have felt self-conscious after surgery for head injuries, strokes, brain tumours or neurological problems.

She is raising money for the national brain injury charity [Headway](#) and Salford’s brain and spine injury centre [BASIC](#).

Colleagues, patients and visitors cheered on the 26-year-old from the acute research delivery team as Salford Royal’s Consultant Neurosurgeon Dan Holsgrove shaved her head ‘operation style’ on Friday 6 May, just before the start of [Action for Brain Injury Week](#). She also had an ‘I love research’ message written on her bald side to help promote the #whywedoresearch Twitter campaign.

As well as the head shave, Mary completed a coast to coast cycle marathon for the two charities, a 150-mile plus route from the Lakes through Yorkshire to the East coast. So far she has raised more than £500 but you can still sponsor her fundraising efforts through her JustGiving pages for [BASIC](#) and [Headway](#).

Changes at MAHSC Clinical Trials Unit

MAHSC has announced the appointment of Kevin O’Brien, Professor of Orthodontics in the School of Dentistry at The University of Manchester, to the role of Clinical Director of the MAHSC Clinical Trials Unit.

He has previously held posts as Head of the School of Dentistry, Associate Dean of the Faculty of Medical and Human Sciences and Chair of the General Dental Council.

The CTU is currently based at The Christie and has built up significant and valuable expertise in trials support. It is in the process of moving to the University to facilitate co-location with colleagues in Health Economics and Biostatistics.

Sponsor our muddy fundraisers

Salford R+D will have a team in the Manchester [Pretty Muddy 5k](#), a muddy obstacle course through Heaton Park raising money for Cancer Research UK.

Oncology Research Nurse Kathryn Fry and Senior Clinical Trials Administrator Kay Goulden have organised a group entry for the event on Saturday 16 July. Please support our team's fundraising efforts through their [JustGiving page](#).

Research projects needed for students

Can you offer a research project for The University of Manchester 2016 intake of intercalating students? Intercalating students carry out a research project as part of the Masters in Research or BSc Pathology courses. The projects start in September 2016 and the lab-based part of the research takes place in February-August 2017. There is more information on the [MAHSC website](#).

Get dancing for Psoriasis Shout Out

The Psoriasis Shout Out® aims to get people talking about psoriasis (what it is and what it isn't) and to bring patients together with professionals working in the field of psoriasis management and research. Events are being held in Manchester, Dublin, Newcastle and London as well as at Salford Royal.

As part of the patient events at Salford Royal on Wednesday 22 June, there will be a free Bhangracise session for beginners, highlighting the message that you can live well with psoriasis and encouraging people to be physically active. This is open to all patients, hospital visitors and staff and will take place between 12.30-1.10pm in the event tent by Central Car Park. You'll need to wear loose comfortable clothing and register your interest by contacting Susie Moschogianis by [email](#) or phone 0161 206 8077.

Visit the [website](#) for more details of the Shout Out.

Time to recognise our strengths and successes

These award schemes that could recognise and reward your and your colleagues' hard work and dedication are now open for entries:

- [Quality in Care Diabetes Awards](#) (deadline 27 May)
- [HSJ Awards](#) (deadline 3 June)
- [QuDoS in MS Awards](#) (deadline 12 September)



Governance

HRA Amendments – urgent advice

The Health Research Authority is receiving a far higher number of amendments than it had anticipated and this is causing problems and delays. Currently the mail box used is struggling to cope with the volume of applications. The HRA is working to resolve this issue as quickly as possible but is asking applicants to help manage the workload:

- Applicants who plan to submit: If the amendment is not urgent or even pressing, applicants should please wait to submit.
- Applicants who have already submitted: Substantial amendments to ongoing studies come in via Research Ethics Committees (REC). Applicants concerned with any HRA delay such that it is materially affecting the conduct of the study should raise this with the assessment team. If they do not get a response please contact the HRA REC manager who will be able to escalate and help prioritise with the assessment team.

- Substantial amendments that are being submitted to RECs in England now are transferred internally for assessment. You do not need to submit them to the amendment email address.

There is more information on the [HRA's website](#).



Engagement

Expert help from Citizen Scientist

Do you need help recruiting patients and volunteers to trials? Salford's [Citizen Scientist](#) project can offer tailored assistance for your research. The project gives local people a way to find out about and get involved in health research and has signed up more than 3,000 local people who are interested in taking part in studies. If you need help, [contact the team](#).



Funding

Develop your knowledge of genomics

Funded places are now available for healthcare professionals taking postgraduate genomic medicine courses at The University of Manchester.

Knowledge of genomic medicine is increasingly important for patient care in the modern health service and many patients have already benefited from it. To build on this, The University of Manchester is now running a Genomic Medicine MSc course to train healthcare professionals from diverse disciplines for whom genomics will impact on service delivery to patients, including doctors, nurses, scientists and technologists. The course will give an understanding of the 100,000 Genomes Project and the research and clinical opportunities it brings.

For more information or to register your interest, visit [the University's website](#) and for funding details see [here](#).

NIHR Brain Injury Healthcare Technology Co-operative

This NIHR seed funding call (up to £10,000) is for the early development of novel technology-based solutions applicable to the brain injury pathway, from prevention of injury all the way through to technologies for independent living. The HTC welcomes applications that:

- Promote collaboration and have a near-term clinical impact
- Show potential to secure substantial further funding after proof of principle has been established
- Focus on commercialisation or routes to market

Register your expressions of interest with [Talissa Gasser, HTC Programme Co-ordinator](#), or ring 01223 336944).

To find out more about the role of NIHR Healthcare Technology Co-operatives see [here](#).

MRC Clinical Research Fellowships

In partnership with the Medical Research Council, the Universities of Liverpool and Manchester are offering clinical research training in Clinical Pharmacology and Therapeutics. The Fellowships are available for three years (starting between November 2016 and February 2017) for medically-qualified candidates who want to pursue a career in either academic medicine or industry. This training programme will provide a PhD research project in a key clinical science discipline within a world-class environment for science and medicine. Support will include a clinical salary, PhD registration fees at UK/EU student rate, research expenses, general training funds and travel costs to attend national and international meetings. [More here](#).



Training

[Better trials make better surgeons](#)

The North West Surgical Trials Centre (NWSTC) is holding a free [‘Better trials make better surgeons’](#) workshop on 17 June in Warrington.

Speakers include Professor Jane Blazeby who, as well as being Professor of Surgery and RCS Surgical Speciality Lead, is also the Director of the Surgical Trials Centre in Bristol. She will be giving a talk on using pilot and feasibility studies to optimise surgical trial design. Professor of Orthopaedic Surgery Amar Rangan and Consultant Urological Surgeon Grant Stewart will also speak.

For more details or to book a place, email [Tony Coffey](#) or call 0151 794 8974.

[Developing a search strategy](#)

The Trust Library is running a training session providing you with the skills to develop a search strategy - essential to effectively searching the healthcare databases. The training on Friday 20 May is open to all Trust staff and students. Sessions last 30 minutes from noon-12.30pm and 12.30-1pm in Humphrey Booth Lecture Theatre, Mayo Building. To book your place [click here](#). For further information or to arrange an alternative time/location for the training please contact the Outreach Librarian, [Jane Roberts](#) on 0161 206 8411.



Events

[R+D Forum Conference.](#) This year’s annual forum held in association with the Health Research Authority takes place on 23 and 24 May in Stratford-on-Avon. Salford R+D’s PPI Coordinator Philip Hammond and Communications Officer Claire Mooney will be there to lead a training session on using social media to promote research.

[Postgraduate Research Showcase Conference.](#) The University of Manchester’s School of Nursing, Midwifery and Social Work has its third showcase of PhD research on 9 June, 10am-3pm, at University Place.

[World Research Congress of the European Association for Palliative Care.](#) This conference will include sessions on optimum methodology in cancer pain studies and mortality followback surveys in end of life care research, among others. It’s from 9-11 June in Dublin.

[European Association for the Study of Diabetes Eye Complications Study Group.](#) This group’s 26th annual meeting runs from 23-25 June in Manchester.

[Patient Safety Congress and Awards.](#) The ninth Patient Safety Congress is at Manchester Central on 5 and 6 July.

[24th Biennial European Association for Cancer Research Congress.](#) Europe’s largest dedicated conference on basic and translational research runs from 9-12 July at Manchester Central.

[UK Clinical Research Facilities Network Conference.](#) This event will support the CRF community to innovate and maximise the impact and contribution made by them to experimental medicine in all disease areas. It will focus on precision medicine and how research facilities and their infrastructure support this. It’s on 11 and 12 July at the Royal Northern College of Music, Manchester. It’s using the Twitter hashtag [#crfconf16](#).

[Health Services Research UK Symposium.](#) HSRUK is the collective voice for health services research in policy and practice. Its ninth annual event takes place on 13 and 14 July at Nottingham Conference Centre.

[EFMC International Symposium on Medicinal Chemistry.](#) This conference will cover drug discovery advances in major therapeutic areas, including the treatment of pain, central nervous system disorders, anti-infectives, ophthalmology, cardiovascular diseases and oncology. It runs from 28 August-1 September at

Manchester Central.

[Health and Care Innovation Expo 2016](#). Speakers at this NHS England event at Manchester Central on 7 and 8 September include Simon Stevens, Prof Robert Wachter, Matthew Syed, Prof Sir Bruce Keogh, Jane Cummings, Cally Palmer CBE and Dame Fiona Caldicott.

[Let's Talk Research](#). NHS R+D North West's annual conference is at the Royal Northern College of Music, Manchester, on 15 and 16 September. This year's theme is edge walking, exploring novel approaches to research, development and innovation.

[Congress of the European Society of Contact Dermatitis](#). This will start with a presymposium on occupational skin disease organised with the Centre for Occupational and Environmental Health of The University of Manchester on 14 September. The meeting programme from 15-17 September will reflect areas of current scientific and clinical interest on all aspects of contact dermatitis and allergic skin disease. It takes place at Manchester Central.

[International Technology Enabled Care Conference](#). The theme for this conference will be Connected Care, Connected Homes and Connected Communities. It's on 18 and 19 October at the International Convention Centre, Birmingham.

[International Severe Asthma Forum](#). The 3rd ISAF will bring together scientists and clinicians for a meeting dedicated to all aspects of severe asthma. It runs from 17-19 November at Hilton Manchester Deansgate.



Staff Updates

Congratulations to...

- Drs Tina Chrysochou, Darren Green, Rob Nipah, Dimitrios Poulikakos and Jim Ritchie who have all been awarded honorary appointments at The University of Manchester's Institute of Cardiovascular Science.
- Lydia Silvester, a medical student at The University of Manchester, for winning the Association of British Neurologists' Undergraduate Prize 2015 for her essay 'A service evaluation of bone health in Parkinson's disease', based on a project option supervised by Dr Christopher Kobylecki, Consultant Neurologist at Salford Royal.
- Researchers who successfully over-recruited to a chronic obstructive pulmonary disease exacerbation vaccine study. The team was led by Dr Nawar Bakerly, assisted by Anne Keen. [More here.](#)

Vacancies

- [Research Fellow \(neurosurgery\)](#) – SCF grade (closing date 18 May).
- [Vascular Research Assistant](#) – Band 5/6 (closing date 23 May).
- [Community Dental Nurse](#) (research) – Band 4 (closing date 31 May)

Please visit the [NHS Jobs](#) website for all internal or external vacancies.



Publications

Journals, articles, newsletters and blogs

- New digital magazine The Researcher, created by health research professionals, will launch on 6 June. The first edition Breaking Boundaries will be available on [Health Education England's website](#).
- Zenas Yiu, Lesley Exton, Darren Ashcroft, Christopher Griffiths, Catherine Smith, Richard Warren, et al: [Risk of serious infections in patients with psoriasis on biologic therapies: A systematic review and meta-analysis](#) (Journal of Investigative Dermatology).
- Stanislaw Klek, Alastair Forbes, Simon Gabe, Jonathan Shaffer, et al: [Management of acute intestinal](#)

[failure: A position paper from the European Society for Clinical Nutrition and Metabolism \(ESPEN\) Special Interest Group](#) (Clinical Nutrition).

- Michael Hughes, Ariane Herrick: [Digital ulcers in systemic sclerosis](#) (Rheumatology).
- Joanne Taylor, Neil Pendleton: [Progesterone therapy for the treatment of non-cancer cachexia: A systematic review](#) (BMJ Supportive and Palliative Care).
- Christopher Naisbitt, Hugo Buckley, Roop Kishen: [Crystalloids, colloids, blood products and blood substitutes](#) (Anaesthesia and Intensive Care Medicine).
- Nasimah Maricar, Michael Callaghan, Matthew Parkes, David Felson, Terence O'Neill: [Clinical assessment of effusion in knee osteoarthritis – A systematic review](#) (Seminars in Arthritis and Rheumatism).
- Matthew Newton, Ashleigh Philp, Andrew Philp, Stephen Richardson, Saeed Mohammad, Simon Jones: [Povidone-iodine has a profound effect on in vitro osteoblast proliferation and metabolic function and inhibits their ability to mineralize and form bone](#) (Spine).
- Rachel Gorodkin, Ariane Herrick, Andrea Murray: [Microvascular response in patients with complex regional pain syndrome as measured by laser Doppler imaging](#) (Microcirculation).
- Maurizio Cutolo, Ariane Herrick, Oliver Distler, Mike Becker, Emma Beltran, Patrick Carpentier, Clodoveo Ferri, Vanessa Smith, et al and on behalf of the videoCAPillaroscopy (CAP) study investigators: [Nailfold videocapillaroscopic and other clinical risk factors for digital ulcers in systemic sclerosis: A multicentre, prospective cohort study](#) (Arthritis and Rheumatology).
- Amy Popple, Jason Williams, Gavin Maxwell, Nichola Gellatly, Rebecca Dearman, Ian Kimber: [T lymphocyte dynamics in methylisothiazolinone-allergic patients](#) (Contact Dermatitis).
- Charlotte Sharp, Qasim Akram, Michael Hughes, Lindsay Muir, Ariane Herrick: [Differential diagnosis of critical digital ischemia in systemic sclerosis: Report of five cases and review of the literature](#) (Seminars in Arthritis and Rheumatism).
- Zoltan Lukacs, Paulina Cobos, Stephan Wenninger, Tracey Willis, Michela Guglieri, Marc Roberts, Benedikt Schoser, et al: [Prevalence of Pompe disease in 3,076 patients with hyperCKemia and limb-girdle muscular weakness](#) (Neurology).
- Peter van de Kerkhof, Christopher Griffiths, Kirstian Reich, Craig Leonardi, Andrew Blauvelt, Tsen-Fang Tsai, Todd Fox, et al: [Secukinumab long-term safety experience: A pooled analysis of 20 phase II and III clinical studies in patients with moderate to severe plaque psoriasis](#) (Journal of the American Academy of Dermatology).
- Paul Chadwick, Joanne McCardle: [Open, non-comparative, multi-centre, post clinical study of the performance and safety of a gelling fibre wound dressing on diabetic foot ulcers](#) (Journal of Wound Care).
- Michael Hughes, Ariane Herrick: [Raynaud's phenomenon](#) (Best Practice and Research Clinical Rheumatology).
- Francesco Rainone, Sayyid Ammar Raza, James Ritchie, Lino Merlino, Helen Alderson, Diana Chiu, Mark Guy, Magda Marcatti, Philip Kalra: [Associations between initial presentation of multiple myeloma and renal function: The experience of two European centers](#) (Journal of Hematology).
- Irene Perini, Mitra Tavakoli, Andrew Marshall, Jan Minde, India Morrison: [Rare human nerve growth factor beta \(NGFB\) mutation reveals relationship between C afferent density and acute pain evaluation](#) (Journal of Neurophysiology).
- Ronan O'Driscoll, Nawar Bakerly, Ann-Louise Caress, June Roberts, Miriam Gaston, Mark Newton, Janelle Yorke: [A study of attitudes, beliefs, and organisational barriers related to safe emergency oxygen therapy for patients with COPD \(chronic obstructive pulmonary disease\) in clinical practice and research](#) (BMJ Open Respiratory Research).
- Katie Gott, Stuart Dolling: [Anaesthetic breathing systems](#) (Anaesthesia and Intensive Care Medicine).
- Andre Khoo, Faisal Ali, Zenas Yiu, Janice Ferguson: [Carbamazepine induced Stevens Johnson syndrome](#) (BMJ Case Reports).

- Ross Atkinson, Lubna Fikrey, Anna Jones, Catherine Pringle, Hiren Patel: [Cerebrospinal fluid infection associated with silver-impregnated external ventricular drain catheters](#) (World Neurosurgery).
- Megan Herbert, Judith Stammen-Vogelzangs, Hector Chinoy, Janine Lamb, Robert Cooper, Mark Roberts, Ger Pruijn, et al: [Disease specificity of autoantibodies to cytosolic 5'-nucleotidase 1A in sporadic inclusion body myositis versus known autoimmune diseases](#) (Annals of the Rheumatic Diseases).
- Philip Kalra, Sunil Bhandari: [Efficacy and safety of iron isomaltoside \(Monofer\) in the management of patients with iron deficiency anemia](#) (International Journal of Nephrology and Renovascular Disease).
- Karen Waldon, Jonathan Abbas, Savana Shakir, Samir Afify: [Four tumours including neuroendocrine tumour of the ileum](#) (BMJ Case Reports).
- Jessica Chapman, Abdul Lalkhen: [Postoperative analgesia](#) (Anaesthesia and Intensive Care Medicine).
- Ben Brown, Justin Roberts: [Principles of artificial ventilation](#) (Anaesthesia and Intensive Care Medicine).
- Isabel Lavers: [Rosacea: Clinical features and treatment](#) (Nursing Standard).
- Benjamin Davies, Anna Jones, Hiren Patel: [Surgical site infection surveillance in cranial neurosurgery](#) (British Journal of Neurosurgery).
- Charlotte Russell, Alison Wearden, Gillian Fairclough, Richard Emsley, Simon Kyle: [Subjective but not actigraphy-defined sleep predicts next-day fatigue in chronic fatigue syndrome: A prospective daily diary study](#) (Sleep).
- Qasim Akram, Mark Roberts, Chester oddis, Ariane Herrick, Hector Chinoy: [Rituximab-induced neutropenia in a patient with inflammatory myopathy and systemic sclerosis overlap disease](#) (Reumatologia).
- Nicholas Kennedy, Umesh Basavaraju, Charlie Lees, Simon Lal, Catherine Stansfield, Jack Satsangi, et al: [Relapse after withdrawal from anti-TNF therapy for inflammatory bowel disease: An observational study, plus systematic review and meta-analysis](#) (Alimentary Pharmacology and Therapeutics).
- Sharfaraz Salam, Timothy Lavin, Ayse Turan: [Limbic encephalitis following immunotherapy against metastatic malignant melanoma](#) (BMJ Case Reports).
- Dee Glaser, Parwez Hossain, William Perkins, Tamara Griffiths, Gurpreet Ahluwalia, Emily Weng, Frederick Beddingfield: [Long-term safety and efficacy of bimatoprost solution 0.03% application to the eyelid margin for the treatment of idiopathic and chemotherapy-induced eyelash hypotrichosis: A randomized controlled trial](#) (British Journal of Dermatology).
- Lubor Golan, Ozlem Goker-Alpan, Myrl Holida, Reena Sharma, Anna Wijatyk, et al: [Evaluation of the efficacy and safety of three dosing regimens of agalsidase alfa enzyme replacement therapy in adults with Fabry disease](#) (Drug Design, Development and Therapy).
- Thilini Abeygunaratne, Ariane Herrick, Hector Chinoy, Evin Sowden, Jamil Choudhury, Smeeta Sinha: [Simple tool in a complex case: Use of the nailfold capillaroscopy](#) (Kidney International).

Journal articles are available through the [Library Service](#), details and links to e-journals are available through the [online library catalogue](#).

How to submit articles

R+D Bulletin is published on the third Wednesday of each month. Please submit articles to claire.mooney@manchester.ac.uk by close of play on the preceding Monday.

An archive of previous editions is available online at www.salfordresearch.org.uk.