

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 5110.

21 June 2017
V5 E6

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



[@SalfordRD](#)



News

More than 5,000 take part in research

More than 5,000 patients and healthy volunteers took part in National Institute of Health Research Clinical Research Network (NIHR CRN) research studies at Salford Royal last year.

A total of 5,070 people were involved in 156 different NIHR CRN studies – these are independently reviewed, high quality studies that are really important in improving care and treatment in the NHS. The research covered many different conditions and illnesses, including neurological disorders, kidney disease and skin conditions. Around a fifth of the studies were sponsored by pharmaceutical companies, giving patients a chance to access state of the art treatments.

The figures show 600 more people took part in research than in the previous year. It's expected even more will get involved this year as Salford Royal has now linked up with the four hospitals of the Pennine Acute Hospitals NHS Trust, so opportunities will be available in more specialties. As a group, the organisations plan to offer more than 250 different studies and it's thought as many as 9,000 patients and healthy volunteers will take part.

International Clinical Trials Day a hit

A massive thank you to everyone who took part in our activities to celebrate International Clinical Trials Day on 19 May. We counted more than 300 conversations about research with patients, visitors and staff on the day and it was a wonderful opportunity to raise awareness about the research we do.

It was great that so many members of staff came up with ideas to get people involved, found interesting research gadgets, or helped on the stands.

The team promoting the [DARE study](#) into diabetes also had a very successful day, recruiting nine participants and lining up nearly 50 members of staff to follow up later.

SNAP2 team is Research Star of the Month

A huge collaborative effort between Salford Royal's anaesthesia department and the Acute Research Delivery Team has seen them awarded our Research Stars of the Month award. More than 100 patients and almost as many clinicians completed questionnaires for the Sprint National Anaesthesia Projects (SNAPs) 'snapshot' evaluation study of clinical activity and patient-centred outcomes.

The study is looking at why the proportion of patients admitted to critical care units after surgery differs between hospitals and countries, as well as exploring whether critical care admission after surgery improves patient recovery.

Principal Investigator Consultant Anaesthetist Ollie Pratt played a major role in the trial's success, while Senior Research Practitioner Andrea Wood was instrumental in both set-up and delivery.

The Research Star awards recognise the way many of our staff go the extra mile to make a significant contribution to research and patient care within research. A small committee assesses nominations each month.

We welcome nominations from all staff and about all staff. Please send your nomination(s) each month to both Senior Clinical Research Nurse Manager [Vikki O'Loughlin](#) and Engagement in Research Manager [Jess Zadik](#) with the name of the person or team and a few words explaining why their work has made a significant contribution and should be recognised.

Nominations close on the last day of each month with the winner chosen the first week of the next month. Decisions will be made by a team of research staff which will include, where possible, the previous month's winner.

New guideline for oxygen use

Congratulations to Consultant Ronan O'Driscoll, who with Luke Howard, John Earis and Vince Mak has updated the British Thoracic Society's [guideline for oxygen use in adults in healthcare and emergency settings](#).

Health professionals from across the NHS and beyond are being urged to adopt the latest version of the world's first evidence-based guideline on the use of emergency oxygen, published in May. The updated guidance is based on new evidence about how effective prescribing and delivery of emergency oxygen for patients can both improve health and save lives.

Dr O'Driscoll was also the author of the original guideline, first published in 2008 and endorsed by more than 20 clinical societies and colleges. It advises health practitioners when prescribing oxygen to always specify a safe 'target range' of oxygen in the blood, which can then be monitored. This vital action is designed to ensure that patients are not given too little, or too much, oxygen which can result in greater illness and, in rare cases, even death.

There is more on the updated guideline on the British Thoracic Society's [website here](#).

New faces – and a farewell!

A warm welcome to the new faces at Summerfield House this month, including Katie Doyle, Sophia Boydell, Zoe Hegarty, Claire Carty and Charlotte Lever in the Research Management and Support team. The larger, co-located team will mean we can develop a streamlined, harmonised service across Salford Royal and Pennine Acute.

We also wish Katie Poole all the very best as she takes a temporary break from the research world to have her baby.

Please note too that some members of our team have switched from Manchester.ac.uk email addresses and are now using their srft.nhs.uk addresses – this includes R+D Lead Natalie Garratt, Administration Assistant Diane Lomas, and the Research Management and Support team.

Staying connected

eduroam wifi is available across the Salford Royal site. eduroam (education roaming) is the secure, world-wide roaming access service developed for the international research and education community. It allows students, researchers and staff from participating institutions, such as The University of Manchester, University of Salford and Manchester Metropolitan University, to obtain internet connectivity across the Salford Royal site and when visiting other participating institutions. Details of how to connect to eduroam are available on our [website](#).

Ton up for perioperative trial

Congratulations to all those involved in the Perioperative Quality Improvement Programme (PQIP) at Salford Royal, who reached the 100-patient mark on 1 June.

This initiative from the [Royal College of Anaesthetists](#) is aimed at improving patient outcomes from major surgery. PQIP measures complications, mortality and patient reported outcome from major non-cardiac surgery. More than 40 sites across England are taking part in the study and Salford Royal is the second highest recruiter so far.

Research Nurses Diane Daniel and Andrew Padwick have led the way, with great support from surgeons, anaesthetists, nurses and healthcare assistants.

Myositis study off to flying start

Well done to the Rheumatology Research Team at Salford Royal who met their yearly target for one study in just seven months. The MYOPROSP study is funded by the UK Medical Research Council and is a prospective cohort study in myositis to look at the diagnosis and treatment of this rare condition that affects the muscles. Dr Hector Chinoy is Principal Investigator for the study, while Research Nurse Pat Lambe took a lead role in recruiting the first nine patients.

Congratulations too to Dr Chinoy and the team for being joint top recruiters in the UK to the PsABio study in April and May. This worldwide research project is looking at a treatment for patients with psoriatic arthritis.

Key REF role for professor

Congratulations to Professor Shaheen Hamdy, who has been appointed joint Associate Dean for Research Excellence Framework (REF) and Impact at The University of Manchester. Professor Hamdy, who is Professor of Neurogastroenterology at the university with a clinical role at Salford Royal, will work alongside Professor Rebecca Elliott to support the Faculty of Biology, Medicine and Health preparation for REF. As part of their role, they will develop the Faculty Impact Strategy and facilitate increasing the quality of research outputs.

New research into rib injuries

Salford Royal is one of four sites taking part in a new study into the care of patients with rib injuries (blunt chest wall trauma).

It can be difficult for doctors in the Emergency Department to manage patients who have injured their ribs. A patient will often develop respiratory infections such as pneumonia, but not until approximately 72 hours after the injury. Doctors need to be able to decide which patients can be sent straight home from A+E, or which patients need to go to a ward or to intensive care.

[STUMBL](#) is evaluating the impact of a new prognostic model for management of these patients in the Emergency Department. It's funded by Health Care and Research Wales and the Chief Investigator is Dr Ceri Battle, while Professor Fiona Lecky is Principal Investigator for Salford Royal.

There will be updates on the trial on Twitter [@stumbl_trial](#)

Stroke choir to sing at special lecture

The North West Community Stroke Choir will provide a musical accompaniment when Professor Pippa Tyrrell gives an insight into her 'Adventures in stroke research' next Wednesday, 28 June, 5-6.30pm, in Humphrey Booth Lecture Theatre, Mayo Building, Salford Royal.

This lecture will be an opportunity to hear about how her work as Honorary Stroke Consultant at Salford Royal and Professor of Stroke Medicine at The University of Manchester has helped to improve treatment and care for stroke patients. The North West Community Stroke Choir will be singing before the lecture – so it's worth coming a few minutes early! The lecture is free and open to all. [Register here.](#)

Share your pride in your work

These are some of the awards currently open for nominations that could recognise your and your colleagues' achievements:

- [Max Perutz Science Writing Award for MRC-funded PhD students](#) (deadline 4 July)
- [HSJ Awards](#) (deadline 18 July)



Governance

New home for archives

Salford Royal's research archives are now being stored at RESTORE, Unit 4, Tally Close, Agecroft, M27 8WJ.

Any teams who wish to archive studies will have to complete an archiving log. Once the form has been completed and forwarded to R+D Manager [Katie Doyle](#), they will be provided with archiving boxes from RESTORE. These can then be

taken to the archiving holding room at Summerfield House so that an arrangement can be made with RESTORE for the boxes to be collected and taken off site.

More details and forms will be available on the [R+D website's research governance page](#) soon.



Engagement

Help shape MAHSC's public engagement strategy

MAHSC is holding a meeting to start shaping a strategy to better align and integrate current and future PPI/E activities across Greater Manchester. It will be led by Professor Simon Ray, MAHSC Director of Patient and Public Involvement and Engagement (PPI/E) and Clinical Lead for the Cardiovascular Domain

The meeting is open to those in MAHSC, and non-MAHSC organisations, who have an interest or professional involvement in PPI/E. This may include clinical academics and researchers who need to integrate PPI/E into their studies, NHS research and clinical staff members and patients and public advocacy organisations.

The day will focus on themes which are a priority for Greater Manchester, such as the use of patient data in research. It's on 3 July, 9am-4pm at Chancellors Hotel, Manchester. [Register here.](#)

Need help with recruitment?

More than 3,000 people who'd be willing to take part in research have signed up to Salford's pioneering [Citizen Scientist](#).

They include healthy volunteers as well as patients with a wide variety of health conditions – and they range in age from 16 to people in their 90s. Those who've registered their details are sent regular updates about research that is going on locally but anyone can use www.citizenscientist.org.uk, [@Citzsci](https://twitter.com/Citzsci) on Twitter and www.facebook.com/CitizenScientistProject to find out about studies.

Contact info@citizenscientist.org.uk or call 0161 206 1828 for tailored advice on how Citizen Scientist can help.



Funding

NIHR opportunities

Deadlines coming up for National Institute for Health Research funding include:

- Efficacy and Mechanism Evaluation programme – including interventions to slow the progression of [chronic kidney disease](#) and outline applications for research into [chronic obstructive pulmonary disease](#) – 4 July
- [Programme Development Grants](#) – 19 July
- [Research for Patient Benefit Programme](#) - 19 July

The full list of NIHR funding opportunities is available [here](#).

Support for innovation

Greater Manchester Academic Health Science Network (GM AHSN) has three funds to stimulate the development of innovative technologies in healthcare – Ignite, Energise and Momentum. They are open to applications now – all applications must include involvement from an NHS or social care organisation within the GM AHSN footprint. [More here.](#)



Training

Clinical trial training for investigators

This course at the University of Liverpool is aimed at health and research professionals, particularly those aiming to become Chief Investigators.

The Faculty includes experts in clinical trials, statistics, qualitative and recruitment research and health

economics, among them Professors Peter Bower, Paula Williamson, Richard Emsley, Bridget Young and Dyfrig Hughes.

The programme will include trial design and conduct, recruitment of participants, public and patient involvement, analysis and reporting, health Informatics and economics.

It takes place from 25 -29 September and the course fee of £475 includes course materials, lunch and refreshments. It is CPD accredited and 30 points will be awarded for full week attendance. To apply, email nwhtmr@liv.ac.uk

Organising health care

The NHS is changing more rapidly than at almost any time in its history. New forms of organisation, new ways of providing services and new contracts are all being implemented. In an informal workshop organised by GM-CLAHRC, Professor Kath Checkland will provide some clarity and perspective.

She has worked as a GP in the NHS since 1991 and has worked on and led a variety of projects investigating NHS policy, organisation and management. The session at University Place, Manchester, on 11 July, 10am-noon, will finish with an overview of relevant GM-CLAHRC projects. [Register here.](#)

Clinical Research Network courses

- [GCP refresher](#), Salford Royal – 26 June
- [Let's talk trials](#) – enhancing communication with your patients, Central Manchester – 27 June
- [GCP introduction](#), Salford Royal – 12 July
- [Research practitioner essentials](#), Central Manchester – 24 and 31 August
- [GCP refresher](#), Salford Royal – 12 October
- [GCP introduction](#), Salford Royal – 16 November
- [Informed consent in adults lacking capacity](#), Central Manchester – 23 November



Events

[Advanced Radiotherapy Summer School.](#) This event will be an opportunity to discover and discuss recent advances in radiotherapy, including proton beam therapy, SABR/SRS and adaptive radiotherapy. It runs from 10-13 July at The Christie School of Oncology.

[Health and Care Innovation Expo.](#) This event will explore the most important developments across health and social care, including building and maintaining the right structures for collaborative, prevention-focused services, new digital technology solutions and accelerating the uptake of successful innovations across health and social care. It's on 11 and 12 September at Manchester Central.

[Let's Talk Research.](#) The annual NHS R+D North West conference has 'building community' as its theme for 2017. Confirmed speakers include Professor Alison Chambers, Pro-Vice-Chancellor, Faculty of Health, Psychology and Social Care at Manchester Metropolitan University and Professor Jennie Popay, Director of Engagement for NIHR CLAHRC NW Coast. It's on 14 September at the Royal Northern College of Music, Manchester.

Stroke Research Event. The NIHR CRNs in Greater Manchester and the North West Coast will jointly host this event at Westleigh Conference Centre, the University of Central Lancashire, Preston, on 26 September. This is a 'save the date' - further details will be published later.

[Health in All Policies 2018 – a strategy for improving population health.](#) Professor Sir Michael Marmot, Director of the Institute of Health Equity, is among the speakers at this conference at the Royal Society of Medicine, London, on 6 February.



Staff Updates

Vacancies

- [Consultant Cardiologist](#) – Imaging (closing date 30 June).

- [Renal Consultant](#) (closing date 2 July).
- [Junior Research Fellow](#) – ENT (closing date 7 July)
- [Senior clinical fellow](#) – Trauma and Orthopaedics (closing date 19 July)

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

Congratulations and thanks

- Congratulations to Consultants Zenas Yiu and Richard Warren, who have both contributed to the British Association of Dermatologists [guidelines for biologic therapy for psoriasis 2017](#). The guidelines have been published in the British Journal of Dermatology and provide evidence-based recommendations on the use of biologic therapies in adults, children and young people.
- Well done to Abteen Mostofi, who won the prize for the best oral presentation at the recent British Society for Stereotactic and Functional Neurosurgery annual meeting. Abteen, an NIHR Clinical Fellow in Neurosurgery, spoke about his work at Salford Royal looking at the outcomes for Parkinson's disease patients undergoing deep brain stimulation.
- Congratulations to Consultant Ana Jovanovic who has contributed to a chapter on [Improvement of Fabry disease-related gastrointestinal symptoms in a significant proportion of female patients treated with agalsidase beta: Data from the Fabry Registry](#) in JIMD Reports, published by Springer.
- Well done to Consultants Iain Anderson and Jonathan Epstein, who co-wrote a chapter on the catastrophic abdominal wall – management and reconstruction in [Coloproctology, A Practical Guide](#), published by Springer.
- Congratulations to Professor Gordon Carlson who, together with the late Professor Ken Fearon, contributed a chapter on nutritional support in surgical patients to the seventh edition of [Principles and Practice of Surgery](#), edited by James Garden and Rowan Parks and published by Elsevier.



Publications

Journals, articles, newsletters and blogs

- The latest Greater Manchester Academic Health Science Network members' update is available [here](#).
- Karolina Stepien, Fiona Stewart, Chris Hendriksz: [The factors affecting lipid profile in adult patients with mucopolysaccharidosis](#) (Molecular Genetics and Metabolism Reports).
- Marcus Maurer, Mohamed Abuzakouk, Frédéric Bérard, Alexander Marsland, Doreen McBride, Alla Nakonechna, Maria-Magdalena Balp, et al: [The burden of chronic spontaneous urticarial is substantial: Real-world evidence from ASSURE-CSU](#) (Allergy).
- Adrian Heald, Andreas Walther, Julian Davis, Gabriela Moreno, John Kane, Mark Livingston, Helen Fowler: [No difference in mood and quality of life in DHEA-S deficient adults with Addison's disease v type 2 diabetes patients with normal DHEA-S levels: Implications for management of these conditions](#) (Frontiers in Psychology).
- Andrew Blauvelt, Kristian Reich, Richard Warren, Bardur Sigurgeirsson, Stephen Tying, Izabella Messina, Vaishali Bhosekar, Charis Papavassilis, Richard Langley, et al: [Secukinumab re-initiation achieves regain of high response levels in patients who interrupt treatment for moderate to severe plaque psoriasis](#) (British Journal of Dermatology).
- Angela Coulter, Adrian Edwards, Vikki Entwistle, Graham Kramer, Alan Nye, Richard Thomson, Emma Walker: [Shared decision making in the UK: Moving towards wider uptake](#) (German Journal for Quality in Health Care).
- Christopher Griffiths, Diamant Thaci, Sascha Gerdes, Petr Arenberger, Grazyna Pulka, Guido Wuerth, Miguel Afonso, et al: [The EGALITY study: A confirmatory, randomized, double-blind study comparing the efficacy, safety and immunogenicity of GP2015, a proposed etanercept biosimilar, vs the originator product in patients with moderate to severe chronic plaque-type psoriasis](#) (British Journal of Dermatology).
- Ayodele Sasegbon, Shaheen Hamdy: [The anatomy and physiology of normal and abnormal swallowing in oropharyngeal dysphagia](#) (Neurogastroenterology and Motility).
- Henrik Svedsater, June Roberts, Chloe Patel, Jake Macey, Emma Hilton, Lisa Bradshaw: [Life impact](#)

[and treatment preferences of individuals with asthma and chronic obstructive pulmonary disease: Results from qualitative interviews and focus groups](#) (Advances in Therapy).

- James Bourne, Charlotte Cross, Irfan Yasin, Mohammed Yasin: [Surgical outcomes and healthcare experience in spinal surgery: Are they related?](#) (Orthopedics and Rheumatology).
- Jennifer Saxon, Jennifer Harris, Jennifer Thompson, Matthew Jones, Anna Richardson, Tobias Langheinrich, David Neary, David Mann, Julie Snowden: [Semantic dementia, progressive non-fluent aphasia and their association with amyotrophic lateral sclerosis](#) (Journal of Neurology, Neurosurgery and Psychiatry).
- Yeliz Prior, Chris Sutton, Sarah Cotterill, Jo Adams, Elizabeth Camacho, Nazina Arafin, Jill Firth, Terence O'Neill, Yvonne Hough, Wendy Jones, Alison Hammond: [The effects of arthritis gloves on people with rheumatoid arthritis or inflammatory arthritis with hand pain: A study protocol for a multi-centre randomised controlled trial \(the A-GLOVES trial\)](#) (BMC Musculoskeletal Disorders).
- Lucy O'Malley, Pauline Adair, Girvan Burnside, Louise Robinson, Margaret Coffey, Cynthia Pine: [An evaluation of a storybook targeting parental attitudes, intention, and self-efficacy to change their child's oral health behaviour](#) (Health Psychology).
- Simon Mueller, Peter Itin, Deborah Vogt, Marc Walter, Undine Lang, Liezel Griffin, Sebastian Euler: [Assessment of 'corticophobia' as an indicator of non-adherence to topical corticosteroids: A pilot study](#) (Journal Of Dermatological Treatment).
- Jacqueline Woolf, Joanne Marsden, Timothy Degg, Sharon Whatley, Paul Reed, Nadia Brazil, Felicity Stewart, Michael Badminton: [Best practice guidelines on first-line laboratory testing for porphyria](#) (Annals Of Clinical Biochemistry).
- Iain Anderson: [Commentary on the accuracy of interpretation of emergency abdominal CT in adult patients who present with non-traumatic abdominal pain: results of a UK national audit](#) (Clinical Radiology).
- Jagdeep Virdee, Adarsh Nadig, George Anagnostopoulos, Kuriakose George: [Comparison of peri-operative and 12-month lifestyle outcomes in minimally invasive transforaminal lumbar interbody fusion versus conventional lumbar fusion](#) (British Journal of Neurosurgery).
- Yi Zhen Chiang, Gerald Pierone, Firas Al-Niaimi: [Dermal fillers: pathophysiology, prevention and treatment of complications](#) (Journal Of The European Academy Of Dermatology And Venereology).
- Francois Lepelletier, David Mann, Andrew Robinson, Emmaneul Pinteaux, Herve Boutin: [Early changes in extracellular matrix in Alzheimer's disease](#) (Neuropathology And Applied Neurobiology).
- Hosam Matar, Kamran Hassan, Stephen Duckett: [Insufficiency sacral fracture-dislocation mimicking suicidal jumper's fracture](#) (BMJ Case Reports).
- Mukai Chimutengwende-Gordon, Abubaker Mbogo, Wasim Khan, Richard Wilkes: [Limb reconstruction after traumatic bone loss](#) (Injury).
- Craig Mowat, Ian Arnott, Aiden Cahill, Malcolm Smith, Tariq Ahmad, Sreedhar Subramanian, Simon Lal, Jack Satsangi, et al: [Mercaptopurine versus placebo to prevent recurrence of Crohn's disease after surgical resection \(TOPPIC\): A multicentre, double-blind, randomised controlled trial](#) (The Lancet Gastroenterology And Hepatology).
- Ula El-Kafrawy, Robert Taylor: [Optimizing care of ventilated infants by improving weighing accuracy on incubator scales](#) (Journal of Neonatal-Perinatal Medicine).
- Louise Mercer, James Galloway, Mark Lunt, Rebecca Davies, Audrey Low, William Dixon, Kath Watson, Deborah Symmons, Kimme Hyrich, et al: [Risk of lymphoma in patients exposed to antitumour necrosis factor therapy: results from the British Society for Rheumatology Biologics Register for Rheumatoid Arthritis](#) (Annals of the Rheumatic Diseases).
- Mueez Waqar, Dmitri Van-Popta, Damiano Barone, Maneesh Bhojak, Robin Pillay, Zaid Sarsam: [Short versus long-segment posterior fixation in the treatment of thoracolumbar junction fractures: A comparison of outcomes](#) (British Journal of Neurosurgery).
- Benjamin Bloom, Kathryn Kinsella, Jason Pott, Hiren Patel, Tim Harris, Fiona Lecky, Rupert Pearse: [Short-term neurocognitive and symptomatic outcomes following mild traumatic brain injury: A prospective multi-centre observational cohort study](#) (Brain Injury).
- MaryAnne Taube, Gillian Potter, Simon Lloyd, Simon Freeman: [Successful conservative treatment of an intracranial pneumatocele with post-traumatic hypoglossal nerve palsy secondary to diffuse](#)

[temporal bone pneumocele: Case report and review of the literature](#) (Journal of Laryngology and Otolaryngology).

- Roland Zahn, Sophie Green, Helen Beaumont, Alistair Burns, Jorge Moll, Diana Caine, Alexander Gerhard, Paul Hoffman, Benjamin Shaw, Jordan Grafman, Matthew Lambon Ralph: [Frontotemporal lobar degeneration and social behaviour: Dissociation between the knowledge of its consequences and its conceptual meaning](#) (Cortex).
- V Simpson, Michael Hughes, Jack Wilkinson, Ariane Herrick, Graham Dinsdale: [Quantifying digital ulcers in systemic sclerosis: Reliability of digital planimetry in measuring lesion size](#) (Arthritis Care and Research).
- Lyn Guenther, Richard Warren, Jennifer Cather, Howard Sofen, Yves Poulin, Mark Lebwohl, Tadashi Terui, Alison Potts Bleakman, Baojin Zhu, Russel Burge, Kristian Reich, Peter van de Kerkhof: [Impact of ixekizumab treatment on skin-related personal relationship difficulties in moderate-to-severe psoriasis patients: 12 week results from two Phase 3 trials](#) (Journal of the European Academy of Dermatology and Venereology).
- Philip Allan, Michael Taylor, Lindsay Harper, Amrutha Ramu, Claire Guest, Charlotte Harris, Simon Lal: [Application of quality improvement techniques to reduce parenteral nutrition wastage in a national intestinal failure unit](#) (European Journal of Hospital Pharmacy).
- Nicholas James, Johann de Bono, Melissa Spears, Noel Clarke, Malcolm Mason, James Wylie, Mahesh Parmar, Matthew Sydes, et al and for the STAMPEDE investigators: [Abiraterone for prostate cancer not previously treated with hormone therapy](#) (New England Journal of Medicine).
- Mattia Veronese, Tiago Marques, Peter Bloomfield, Gaia Rizzo, Nisja Singh, Deborah Jones, Erjon Agushi, Dominic Mosses, Alessandra Bertoldo, Oliver Howes, Federico Roncaroli, Federico Turkheimer: [Kinetic modelling of \[¹¹C\]PBR28 for 18 kDa translocator protein PET data: A validation study of vascular modelling in the brain using XBD173 and tissue analysis](#) (Journal of Cerebral Blood Flow and Metabolism).
- Jennifer Saxon, Jennifer Thompson, Matthew Jones, Jennifer Harris, Anna Richardson, Tobias Langheinrich, David Neary, David Mann, Julie Snowden: [Examining the language and behavioural profile in FTD and ALS-FTD](#) (Journal of Neurology, Neurosurgery and Psychiatry).
- Constantina Chrysochou, Darren Green, James Ritchie, David Buckley, Philip Kalra: [Kidney volume to GFR ratio predicts functional improvement after revascularization in atheromatous renal artery stenosis](#) (PLOS One).
- Gareth Evans, Deemesh Oudit, Miriam Smith, David Rutkowski, Ernest Allan, William Newman, John Lear: [First evidence of genotype-phenotype correlations in Gorlin syndrome](#) (Journal of Medical Genetics).
- Alistair Roddick, Fiona Chan, James Stefaniak, Sean Zheng: [Discontinuation and non-publication of clinical trials in cardiovascular medicine](#) (International Journal of Cardiology).
- Ming Wilson: [Mathematical concepts](#) (Anaesthesia and Intensive Care Medicine).
- Alex Hoyle, Noel Clarke: [Magnetic resonance imaging and detection of metastases in prostate cancer: Learning lessons from history](#) (European Urology).
- Masato Hosokawa, Hiromi Kondo, Geidy Serrano, Thomas Beach, Andrew Robinson, David Mann, Haruhiko Akiyama, Masato Hasegawa, Tetsuaki Arai: [Accumulation of multiple neurodegenerative disease-related proteins in familial frontotemporal lobar degeneration associated with granulin mutation](#) (Scientific Reports).
- Laura McCulloch, Craig Smith, Barry McColl: [Adrenergic-mediated loss of splenic marginal zone B cells contributes to infection susceptibility after stroke](#) (Nature Communications).
- Tim Shore, Kathrin Kadosh, Miriam Lommen, Myra Cooper, Jennifer Lau: [Investigating the effectiveness of brief cognitive reappraisal training to reduce fear in adolescents](#) (Cognition and Emotion).
- Christian Hendriksz, Mathieu Anheim, Peter Bauer, Olivier Bonnot, Anupam Chakrapani, Stefan Kolb, et al: [The hidden Niemann-Pick type C patient: clinical niches for a rare inherited metabolic disease](#) (Current Medical Research and Opinion).
- Libby Wood, Isabell Cordts, Antonio Atalaia, Chiara Marini-Bettolo, Paul Maddison, Margaret Phillips, Mark Roberts, Mark Rogers, Hanns Lochmuller, et al: [The UK Myotonic Dystrophy Patient](#)

[Registry: facilitating and accelerating clinical research](#) (Journal Of Neurology).

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.