

## News



### Happy Christmas to you all

This is the final R+D Bulletin of 2017 and we'd like to wish you all a very merry Christmas and a happy New Year - and to thank you all for your brilliant work in 2017.

It has been another incredibly busy year in research and one that's seen some notable achievements. We are ending the year on target for 2017/18 to be our most successful year yet in terms of recruitment to NIHR CRN studies. We are one of the top recruiters in the UK to industry-sponsored studies and we have successfully implemented a joint research office across the Northern Care Alliance NHS Group. We're grateful to everyone for their hard work and dedication and look forward to another successful year for research in 2018.

It was great to see many of the team enjoying our traditional Christmas buffet, raffle and quiz yesterday. Many thanks to Marie Greenhalgh for organising the buffet and raffle and to Adam Lounsbach for creating the quiz and acting as MC. The raffle raised £165 for [Papyrus](#), a UK charity working to prevent suicide among the young.

Many thanks, too, to everyone who baked and bought cakes during our four-week bake off at Summerfield House, organised by Kay Goulden. Your efforts raised £57.50 for [Smiley Faces](#), which supports parents and carers of children with Down's syndrome.

### Honorary Professorship for Steve

Congratulations to our Director of R+D Operations Steve Woby, who has been awarded an Honorary Professorship by the University of Salford.

The Honorary Chair recognises his research contribution within the field of chronic musculoskeletal pain/fatigue, as well as the role he plays in research and innovation across the region. This honorary appointment strengthens the connections between the university and the Northern Care Alliance.

Steve became Director of R+D Operations for the group in February this year – he'd previously been Director of Research and Development at The Pennine Acute Hospitals NHS Trust. He has led the restructuring of the organisation's joint research office and works closely with the Clinical Research leads across the Alliance to promote the importance of research and innovation.

### Pain team begins prestigious project

Well done to Salford Royal's pain team, which has been selected to host a major study into the efficacy of Naloxone in opioid-induced constipation.

It is a phase III commercial study, sponsored by Develco Pharma Schweiz AG, and is aiming to screen 1,492 patients in order to randomise 522 patients across 120 sites.

The Principal Investigator at Salford is Dr Mahindra Chincholkar, supported by Dr Justin Turner, Consultant Nurse Alison Dwyer and the Core research team. The study is due to run until February 2019.

## No pain, all gain for Cloudy study

Cloudy With a Chance of Pain, the world's first smartphone-based study to investigate the association between pain and the weather, has succeeded in collecting a wealth of information from more than 13,000 people who signed up.

Of those who got involved during the first month of the study, around one in seven provided data on most days in the first six months – much higher than any other study into a mobile app. More than 30 per cent of participants entered information on at least half the days throughout this period.

Professor Will Dixon and the team will be reporting back on the study's main findings next spring but a summary of its [recruitment and engagement](#) has recently been published in the leading ehealth journal JMIR. You can also read more on our website [here](#).

## European Parliament hears about traumatic brain injury work

Congratulations to Professor Fiona Lecky, who recently visited the Scientific and Technical Committee of the European Parliament in Brussels with her co-investigators from the CENTER-TBI study, a large European project that aims to improve care for patients with traumatic brain injury (TBI). They presented their recent commission from The Lancet on [integrated approaches to improve prevention, clinical and research in TBI](#), which highlights priorities and provides expert recommendations to reduce the global burden of this major cause of death and disability across all ages in all countries.

Professor Lecky is a member of the project's management committee and is leading a work package on study validation using data from the [Trauma Audit and Research Network](#) (TARN).

Salford Royal is one of the leading recruiters to CENTER-TBI, with more than 130 patients recruited by the Acute Research Delivery Team. Overall, 65 sites worldwide are involved in collecting detailed data and more than 26,000 patients have been recruited.

## Jes is Research Star of the Month

Congratulations to Jessica Pendlebury, November's Research Star of the Month. Dedicated Jes always undertakes every task with a smile and brings a smile to everyone she works with. She has extended her role from research data clerk to nurse assistant by undertaking phlebotomy and sample processing and is always happy to take on any task. She has a gentle, special way with patients and colleagues say she is a pleasure to work with.

Since the launch of the awards this January, we have been thrilled by the many stories of staff working incredibly hard to make a significant contribution to research and patient care within research. Please keep sending 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.

## Great work on kidney biobank

Congratulations to Salford Royal's renal research team which was the top recruiter to the UK's kidney biobank in October. Professor Phil Kalra is Principal Investigator at Salford Royal with Dace Dimza-Jones the coordinator for [NURTURE](#) (the National Unified Renal Translational Research Enterprise). It is the first kidney biobank covering England, Scotland and Wales and will be a key resource for renal researchers.

Salford Royal is one of 14 NHS Trusts collecting samples for the biobank, which will store biological samples from 3,000 patients with chronic kidney disease (CKD) and at least 800 patients with nephrotic syndrome (NS). In addition to the samples of plasma, serum, urine, DNA and tissue, the repository will contain linked clinical data, through the UK Renal Registry. The study aims to improve prediction of who is most likely to progress to

end stage kidney disease using previously identified risk factors and novel biomarkers in blood and urine samples, along with kidney biopsy tissue. Resources can then be directed to those most at risk of disease progression, while those at lower risk can be offered less frequent monitoring.

From mid-2018, researchers will be able to apply for access to samples stored in the biobank for future studies.

### **Pennine team leads way on heart study**

Well done to our Pennine Acute colleagues Louise Morby and Dionne Adams, who made sure the Trust was the top recruiter to the UKGRIS study in October. The Pennine team recruited 12 patients to the trial, which is testing the effect of GRACE-Risk – a tool assessing eight factors predicting the risk of a heart attack – on managing patients with acute coronary syndrome where arteries are only partly blocked (NSTEMI). Overall, Pennine Acute is the highest recruiting site in the region so far, with more than 40 patients agreeing to take part since the study opened in April - and the team is confident of reaching 150 patients by the end of 2018. The study is open at Fairfield General, The Royal Oldham and North Manchester General and the local Principal Investigator is Dr Jolanta Sobolewska.

### **Don't look down – An autobiography by Roger Chisholm**

Salford Royal Consultant Chest Radiologist and researcher Roger Chisholm has just had his autobiography '[Don't look down](#)' published.

The book, subtitled 'An adventurous life with multiple sclerosis,' documents his life with the disease, which was diagnosed when he was a medical student at Cambridge.

His first book, it tells the story of enduring friendships, quiet courage, resilience and above all, a man determined to live life to the full. In Roger's own words the book is 'Approximately one third medicine (with much of this touching on his 29-year-long career at Salford Royal), one third sea and one third mountains'.

You can see more about Roger in a short film he's made with his friends over three years. It aims to bring hope to people with illness and disability by showing that they can still pursue active and fulfilling lives and take part in their favourite pastimes. The film has won an exceptional merit award at a documentaries film festival in North America. 'Revisiting the Dubhs Ridge' can be found [here](#).

### **Welcome to our new members of staff**

A very warm welcome to Fiona Bray and Nima Ali, who have recently joined the R+D team at Summerfield House. Fiona is our new R+D Administrator, replacing Claire Carty who has just begun a new role as Research Assistant at Fairfield's Clinical Research Facility. Nima is working as our Financial Management Assistant, alongside Finance Manager Aishah Abbas.

### **The place for world class research**

Making Greater Manchester the place to do world class research is the mission behind [Health Innovation Manchester](#).

The organisation is dedicated to building the right environment and infrastructure in the region so that research excellence translates into better diagnosis, care and treatments in the NHS.

Health Innovation Manchester brings together the expertise of the Manchester Academic Health Science Centre (MAHSC) in discovery and innovation with that of the Greater Manchester Academic Health Science Network in implementation and adoption of research findings. It is a partnership of universities, research bodies, NHS Trusts, life science industry and local government and provides support at all stages of the research process, reducing the time it takes for an initial idea to reach the bedside. Read [more here](#).

## Let's make it a winning 2018

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

- [HSJ Value Awards](#) (closing date 5 January)
- [RCNi Awards](#) (closing date 9 February)
- [Patient Safety Awards](#) (closing date 1 March)

## Engagement



### A Christmas thank you to all who take part in our studies

Many thanks to all staff who took part in our 'thank you' event to recognise our patients and volunteers for their contributions to research.

Colleagues from Medical Physics, Research Nurses and Research Practitioners joined the Engagement and Communications team to host a gift-themed stall and demonstration of innovative devices in Hope Building on 11 December, thanking patients, visitors and staff for taking part in research and explaining a little about how they have helped to improve diagnosis, care and treatments in the NHS. Continuing with this theme, over the holiday period we will be using social media to share some of our [patient stories](#) using the National Institute for Health Research hashtag #GiftOfResearch. Please follow us on [Facebook](#) and [Twitter](#) to support this campaign.

### Diabetes study gets results - thanks to Research for the Future

Researchers at the University of Liverpool were thrilled by the response when they asked [Research for the Future](#) to help find recruits for a study looking at anxiety and depression in adults with diabetes.

Research for the Future sent invitations to more than 2,000 volunteers on its Help BEAT Diabetes database, and more than 400 responded to the request, a large proportion of the 614 who took part. The researchers have now published their [findings](#) – and a thank you to Research for the Future – in the journal Diabetes Research and Clinical Practice.

Salford Royal is a partner in Research for the Future, along with the NIHR Clinical Research Network Greater Manchester, North West EHealth and Health Innovation Manchester. It also runs Help BEAT Heart Disease and Help Beat Respiratory Disease campaigns – [email the team](#) or call 0161 206 3636 if they could help with your recruitment.

## Funding



### Developing funding proposals in applied health and social care

This RDS NW event is for health and social care professionals and researchers in the North West of England who want to develop and submit an application to the National Institute for Health Research (NIHR) funding programmes.

It will highlight the funding opportunities available, the application process, what funders are looking for in a submission, how to design a study to answer your research question effectively, building a team of collaborators, what to consider when costing a study and the support that RDS NW can provide.

Those attending should have an outline idea of their research question and be prepared to discuss it with an RDS NW adviser. The event is free and takes place on 1 March at the Foresight Centre, Liverpool. [More here.](#)

### Longitudinal population study grants

These grants from the Wellcome Trust provide support for researchers who want to establish or maintain longitudinal population studies (LPS) for the benefit of the wider scientific community. Funding of up to £5 million is available for up to five years and the preliminary application deadline is 12 January. [More here.](#)

The Wellcome Trust is also a partner in the [UK Prevention Research Partnership Scheme](#), which funds large interdisciplinary research collaborations and networks to support research on the primary prevention of non-communicable diseases in the UK. The deadline for outline proposals is 18 January.

Further Wellcome Trust funding opportunities are listed [here](#).

### NIHR calls

- There are 25 new opportunities under the [Health Technology Assessment Programme](#), including in traumatic brain injury, knee osteoarthritis, COPD and diabetic eye screening.
- Efficacy and Mechanism Evaluation Programme calls include [inherited myopathies and muscular dystrophies](#) (closes 27 March).
- School for Social Care Research - [2017 competition](#) (closes 24 January).

Please note that if you are intending to submit an application to the next NIHR [Research for Patient Benefit call](#) (deadline 21 March), draft proposals should be sent to MAHSC for internal peer review by 7 February. This is intended to enhance the competitiveness of RfPB grant applications and should be complemented by liaison with your R+D department. Draft applications should be sent to [Louise Berry](#) for review by a panel of experienced researchers.

Visit the [NIHR website](#) for details of all current funding and support calls.

## Training



### Clinical Research Network Courses

The dates for Good Clinical Practice (GCP) and GCP refresher courses for 2018 are available now. If your certification is due to expire, please use [this link](#) to confirm your place.

- [GCP refresher](#), Salford Royal – 21 February
- [GCP introduction](#), Fairfield General – 12 March
- [GCP refresher](#), Fairfield General – 14 May
- [GCP introduction](#), Salford Royal – 4 July
- [GCP refresher](#), Salford Royal – 28 August
- [GCP introduction](#), Salford Royal – 20 November
- [GCP refresher](#), Fairfield General – 21 November

### Improvement science for leaders

[Haelo's](#) flagship Improvement Science for Leaders (IS4L) programme is a year-long course that supports teams to develop, deliver and sustain improvements across their organisations. The deadline for applications for 2018-19 is 31 January.

The team-based approach provides in-depth training in the science and process of improvement through interactive workshops, webinars, on-site coaching and detailed qualitative feedback on project reports. Three, three-day sessions over the course of the year will take you from project initiation, to implementation and finally scale-up and spread. More details [here](#).

### Public speaking skills

NHS R+D North West is offering a one-day interactive workshop in presentation and communication skills from one of the UK's top TV performance coaches, Kate Marlow. It will be a chance to gain skills and knowledge to

increase your confidence and deliver compelling presentations. The master class is on 22 February, 9am-5pm, at Federation House, Manchester and costs £90 + VAT. For more information and to book, contact [Leanne Gregory](#).

### **Leading a culture of research and innovation**

NHS managers (band 7 and upwards) who are leading clinical teams can take part in an innovative programme to explore how to lead an effective culture of research and innovation by building leadership capacity and developing the skills and confidence to create an effective culture within their units, wards or departments.

Funded by the [North West Leadership Academy](#), the course design is informed by the domains of the Healthcare Leadership Model. It consists of an initial two-day residential and two one-day workshops in January and March 2018. The closing date for applications is 31 December and there is more information on the [NHS R+D North West website](#).

### **Acute care and trauma**

Greater Manchester Academic Centre for Acute Care and Trauma ([GM-aCAT](#)) is an alliance formed by clinical academics, healthcare professionals and NHS service providers in Greater Manchester. It aims to ensure the NHS in Greater Manchester delivers world-class acute care and trauma services underpinned by research, education and training. Its leaders are Paul Dark, Professor of Critical Care Medicine, The University of Manchester, NIHR National Specialty Lead in Critical Care and Consultant at Salford Royal and Martin Smith, Clinical Director of Greater Manchester Trauma Collaborative and Consultant in Emergency Medicine, Salford Royal.

Its 2018 meetings are on Wednesdays 14 March, 20 June, 19 September and 21 November, all 5.30-8pm.

## Events



NIHR CRN: GM Musculoskeletal disorders networking event. There will be an update from the CRN and presentations relating to studies and topics associated with MSK research in Greater Manchester at this meeting on 22 January, 1.30-3.30pm, at the NIHR CRN offices, North Road, Manchester. Contact [Donna Taylor-Fesler](#) for more details.

[Clinical trial innovations improve surgical outcomes](#). The North West Surgical Trials Centre is running this free afternoon workshop for surgical trainees who want to learn more about research. It's on 29 January, noon-5pm, at the Centre at Birchwood Park, Warrington.

[Neuroscience at the cutting edge](#). This hackathon is for anyone interested in contributing to innovation for the future of complex rehab. It's being hosted by The Innovation Agency and The Walton Centre and will explore maximising the use of the latest technology to improve complex rehab. This includes exoskeletal robotics, Brain Computer Interface and virtual rehab using artificial intelligence, as well as providing an opportunity for scoping new solutions. It's on 29 and 30 January at The Walton Centre.

[Salford Royal Stroke Study Day](#). This event will focus on delivering best practice in stroke management and speakers include Shaheen Hamdy, Craig Smith, Amit Herwadkar, Chris Douglass, Hiren Patel, Vincent Smyth, Sarah Heathcote and Thomas Luxon. It will be chaired by Dr Amit Kishore. It's on 1 February, 9am-4.30pm, in Mayo Building, Salford Royal.

[Greater Manchester Stroke Operational Delivery Network Annual Conference](#). Dr Debbie Lowe, National Clinical Lead for Stroke Medicine, will be the keynote speaker at this conference on 1 March, 8.30am-4.10pm at the AJ Bell Stadium, Eccles.

[Colorectal research and trial engagement](#). This colorectal and general surgery research day on 14 March, 1.30-

5.30pm, will be held at The Venue, Birchwood Park, Warrington. It's supported by the NIHR and the Association of Coloproctology of Great Britain and Ireland. Contact [Vicky Wilkinson](#) for more details.

## Staff updates



### Vacancies

- [Consultant dermatologist](#) (closing date 31 December)
- [Senior Clinical Fellow – Skull Base Neurosurgery](#) (closing date 9 January)
- [Senior Research Nurse – Oncology](#) (closing date 11 January)
- [Senior Research Nurse – Upper Gastrointestinal](#) (closing date 11 January)
- [Senior Clinical Fellow – Pituitary Neurosurgery](#) (closing date 20 January)

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

### Congratulations and thanks

- Congratulations to Dr Hector Chinoy and Professor Robert Cooper, who are co-editors of [Myositis](#), the latest guide in the Oxford Rheumatology Library series. Their Salford Royal colleagues Dr Mark Roberts, Dr James Lilleker and Dr Ranjit Ramdass have also contributed to the book, which provides a summary of what is currently understood about the epidemiology of myositis, controversies in diagnosis criteria, clinical features, and the current models for treatment and intervention. Designed to bring together the multi-disciplinary involvement of healthcare professionals for idiopathic inflammatory myopathy patients, it's described as the first easy-to-navigate guide for the practical management of myositis.

## Publications



### Journals, articles, newsletters and blogs

- Suzanne Pilkington, Neil Gibbs, Patrick Costello, Susan Bennett, Karen Massey, Peter Friedmann, Anna Nicolaou, Lesley Rhodes: [Effect of oral eiosapentaenoic acid on epidermal Langerhans cell numbers and PGD2 production in UVR-exposed human skin: A randomised controlled study](#) (Experimental Dermatology).
- Andrew Deacon, Oliver Pratt: [Measurement of pulse oximetry, capnography and pH](#) (Anaesthesia and Intensive Care Medicine).
- Alastair Duncan, Oliver Pratt: [Measurement of gas concentrations](#) (Anaesthesia and Intensive Care Medicine).
- Daniel Haley, Oliver Pratt: [Basic principles of lasers](#) (Anaesthesia and Intensive Care Medicine).
- Katharina Ecsy, Christopher Brown, Anthony Jones: [Cortical nociceptive processes are reduced by visual alpha-band entrainment in the human brain](#) (European Journal of Pain).
- Oybek Rustamov, Jack Wilkinson, Antonio La Marca, Cheryl Fitzgerald, Stephen Roberts: [How much variation in oocyte yield after controlled ovarian stimulation can be explained? A multilevel modelling study](#) (Human Reproduction Open).
- Ramya Kalaiselvan, Michael Pallot, Vinutha Shetty, Neal Townsend, Siba Senapati: [Spontaneous internal drainage of iatrogenic oesophageal perforation](#) (Biomedical Journal of Scientific and Technical Research).
- James Stefaniak, Li Su, Elijah Mak, Nasim Bahaei, Katie Wells, Karen Ritchie, Adam Waldman, Craig Ritchie, John O'Brien: [Cerebral small vessel disease in middle age and genetic predisposition to late-onset Alzheimer's disease](#) (Alzheimer's and Dementia).
- James Blundell, Steven Frisson, Anupam Chakrapani, Paul Gissen, Chris Hendriks, Suresh Vijay, Andrew

Olsen: [Oculomotor abnormalities in children with Niemann-Pick type C](#) (Molecular Genetics and Metabolism).

- Haidar Dafsari, Paul Reker, Lisa Stalinski, Monty Silverdale, Alexandra Rizos, Julian Evans, Lars Timmermann, et al and on behalf of EUROPAR and the IPMDS: [Quality of life outcomes after subthalamic stimulation in Parkinson's disease depends on age](#) (Movement Disorders).
- Ariane Herrick: [Evidence-based management of Raynaud's phenomenon](#) (Therapeutic Advances in Musculoskeletal Disease).
- Alejandro Martin-Gorgojo, Marta Linares, Amaya Viros, Celia Requena, Zaida Garcia-Casado, Victor Traves, Rajiv Kumar, Eduardo Nagore: [Cutaneous melanoma primary site is linked to nevus density](#) (Oncotarget).
- Richard Warren, Alan Brnabic, Daniel Saure, Richard Langley, Kyoungah See, Jashin Wu, Alexander Schacht, Lotus Mallbris, Alexander Nast: [Matching-adjusted indirect comparison of efficacy in patients with moderate-to-severe plaque psoriasis treated with Ixekizumab versus Secukinumab](#) (British Journal of Dermatology).
- Ashley Bond, Antje Teubner, Michael Taylor, Cathy Cawley, Arun Abrham, Martyn Dibb, Paul Chadwick, Mattias Soop, Gordon Carlson, Simon Lal: [Assessing the impact of quality improvement measures on catheter related blood stream infections and catheter salvage: Experience from a national intestinal failure unit](#) (Clinical Nutrition).
- Lynne Sykes, Rob Nipah, Philip Kalra, Darren Green: [A narrative review of the impact of interventions in acute kidney injury](#) (Journal of Nephrology).
- Rachael Thorneloe, Christopher Griffiths, Richard Emsley, Darren Ashcroft, Lis Cordingley, on behalf of the BADBIR and PSORT study groups: [Intentional and unintentional medication non-adherence in psoriasis: The role of patients' medication beliefs and habit strength](#) (Journal of Investigative Dermatology).
- Christopher Denton, Eric Hachulla, Gabriela Riemekasten, Andreas Schwarting, Jean-Marie Frenoux, Aline Frey, Franck-Olivier Le Brun, Ariane Herrick, on behalf of the Raynaud Study Investigators: [Efficacy and safety of Selexipag in adults with Raynaud's phenomenon secondary to systemic sclerosis](#) (Arthritis and Rheumatology).
- Mohammad Musleh, Hugh Burnett, Balashanmugam Rajashanker, Basil Ammori: [Laparoscopic double cholecystectomy for duplicated gallbladder: A case report](#) (International Journal of Surgery Case Reports).
- Ashley Bond, Dipesh Vasant, Wadiamu Gashau, Arun Abraham, Antje Teubner, Kirstine Farrer, Gavin Leahy, Simon Lal: [Managing successful pregnancies in patients with chronic intestinal failure on home parenteral nutrition: Experience from a UK National Intestinal Failure Unit](#) (Journal of Gastrointestinal and Liver Diseases).
- James Lilleker, Patrick Gordon, Janine Lamb, Heidi Lempp, Robert Cooper, Mark Roberts, Paula Jordan, Hector Chinoy, on behalf of UKMYONT and Myositis UK: [Patient-centred standards of care for adults with myositis](#) (BMC Rheumatology).
- Angela Ju, Mark Unruh, Sara Davison, Juan Dapuelto, Mary Dew, Richard Fluck, Michael Germain, Sarbjit Jassal, Gregorio Obrador, Donal O'Donoghue, Alison Tong, et al: [Patient-reported outcome measures for fatigue in patients on hemodialysis: A systematic review](#) (American Journal of Kidney Diseases).
- Michel Kalamarides, Walid Essayed, Jean Lejeune, Rabih Aboukais, Simon Lloyd, Simon Freeman, Charlotte Hammerbeck-Ward, Mark Kellest, Scott Rutherford, Gareth Evans, Omar Pathmanaban, Andrew King: [Spinal ependymomas in NF2: A surgical disease?](#) (Journal of Neuro-Oncology).
- Lu Han, Rachel Meacock, Laura Anselmi, Soren Kristensen, Matt Sutton, Tim Doran, Stuart Clough, Maxine Power: [Variations in mortality across the week following emergency admission to hospital:](#)

[Linked retrospective observational analyses of hospital episode data in England, 2004/5 to 2013/14](#) (NIHR Journals Library).

- Rebecca Hays, Gavin Daker-White, Aneez Esmail, Wendy Barlow, Brian Minor, Benjamin Brown, Thomas Blakeman, Caroline Sanders, Peter Bower: [Threats to patient safety in primary care reported by older people with multimorbidity: Baseline findings from a longitudinal qualitative study and implications for intervention](#) (BMC Health Services Research).
- Jonathan Stokes, Mei-See Man, Bruce Guthrie, Stewart Mercer, Chris Salisbury, Peter Bower: [The Foundations Framework for developing and reporting new models of care for multimorbidity](#) (Annals of Family Medicine).
- Benjamin Brown, Panos Balatsoukas, Richard Williams, Matthew Sperrin, Iain Buchan: [Multi-method laboratory user evaluation of an actionable clinical performance information system: Implications for usability and patient safety](#) (Biomedical Informatics).
- Catherine Morgan, Roger Webb, Matthew Carr, Evangelos Kontopantelis, Jonathan Green, Carolyn Chew-Graham, Nav Kapur, Darren Ashcroft: [Incidence, clinical management, and mortality risk following self harm among children and adolescents: Cohort study in primary care](#) (BMJ).
- Shoba Dawson, Stephen Campbell, Sally Giles, Rebecca Morris, Sudeh Cheraghi-Sohi: [Black and minority ethnic group involvement in health and social care research: A systematic review](#) (Health Expectations).
- Peter Joshi, Nicola Pirastu, Katherine Kentistou, Antony Payton, William Ollier, Neil Pendleton, James Wilson, et al: [Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity](#) (Nature Communications).
- Christopher Slater, Lauren Morris, Jodi Ellison, Akheel Syed: [Nutrition in pregnancy following bariatric surgery](#) (Nutrients).
- Christopher Bleaney, Mickhael Barrow, Stephen Hayes, Yeng Ang: [The relevance and implications of signet-ring cell adenocarcinoma of the oesophagus](#) (Journal of Clinical Pathology).
- James Lilleker, Yann Shern Keh, Federico Roncaroli, Reena Sharma, Mark Roberts: [Metabolic myopathies: A practical approach](#) (Practical Neurology).
- Joyutpal Das, James Lilleker, Kavaldeep Jabbal, John Ealing: [A missense mutation in DYNC1H1 gene causing spinal muscular atrophy – lower extremity, dominant](#) (Neurologia I Neurochirurgia Polska).
- Guy Thwaites, Matthew Scarborough, Alexander Szubert, Emmanuel Nsutebu, Julia Greig, Paul Chadwick, Sarah Walker, et al: [Adjunctive rifampicin for Staphylococcus aureus bacteraemia \(ARREST\): A multicentre, randomised, double-blind, placebo-controlled trial](#) (The Lancet).
- Shahab Hajibandeh, Shahin Hajibandeh, Roger Deering, Dearbhla McEleny, John Guirguis, Sarah Dix, Abdelhakem Sreh, Andrew Evans, et al: [Accuracy of co-morbidity data in patients undergoing abdominal wall hernia repair: A retrospective study](#) (Hernia).
- Paul Roberts, Donah Zachariah, John Morgan, Arthur Yue, Elizabeth Greenwood, Patrick Phillips, Philip Kalra, Darren Green, Robert Lewis, Paul Kalra: [Monitoring of arrhythmia and sudden death in a hemodialysis population: The CRASH-ILR Study](#) (PLOS One).

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

## How to submit an article

R+D Bulletin is published on the third Wednesday of each month.

Please submit articles to [claire.mooney@manchester.ac.uk](mailto: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](http://www.salfordresearch.org.uk)

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