

## Welcome...

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.

19 February  
2014  
V2, e2

Salford R+D is an integrated service overseeing research and development on behalf of [Salford Royal NHS Foundation Trust](#) and [Salford Clinical Commissioning Group](#).

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## News

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### CRASH-3 congratulations

Congratulations to Salford Royal's team working on the CRASH-3 trial to see if tranexamic acid can improve outcomes for patients who have suffered Traumatic Brain Injury (TBI).

The team, led by Professor Fiona Lecky and with Kate Clayton as Senior Research Sister, has randomised 50 patients into the trial.

This condition kills more than 6 million people every year worldwide, with about another 10 million more ending up with disabilities. Numerous hospitals in about 40 countries around the world will now participate in this five year, 10,000 patient study to see if tranexamic acid can reduce the chances of people dying or the severity of disability suffered from TBI.

Professor Lecky paid tribute to Kate's hard work in driving recruitment and also thanked the Emergency Department, ICU and R+D teams at Salford Royal, as well as Greater Manchester CLRN, for their support.

### Capture your research in a single image

Can you creatively sum up your research with just one photographic image and a snappy title?

The R+D department is asking researchers to try share the wonder, beauty and curiosity of what they do, why they do it, and how it matters to others in a photo. This is part of our ongoing work to redesign our website, making it easier to use, more user-friendly and very much more visual. The best images will be used on the website and there's a shopping voucher prize for the best one, as judged by R+D Director Prof Bill Ollier and Associate Director and Rachel Georgiou.

In addition to an original photographic image, each submission must include a title and a brief explanation describing how and why the research matters to others.

Submissions close on 11 March – please send your image to [Claire Mooney](#). If you need inspiration, The University of Manchester's Images of Research [website](#) may help.

### Respiratory biobank launched

Developing new research opportunities and delivering our ambitions in the area of population health will be helped by the new Salford Respiratory Biobank (SRB) tissue bank, launched in December. It has been set up to collect an extensive resource of biological samples that can be linked with related clinical information and the integrated electronic health record.

It will facilitate high quality translational research, including genome-wide genetics and gene expression studies as well as proteomic and metabolomic investigations. It is also anticipated that the biobank will enrich research in other areas by providing information and samples for studies requiring access to control samples.

The SRB will form part of Salford's biorepository within the Clinical Sciences Building, which is quality managed in alignment with ISO 9001:2008. The current focus of the SRB sample collection is chronic obstructive pulmonary disease (COPD), interstitial lung disease (ILD), aspergillosis and tuberculosis but in the longer term, participants will be recruited with all respiratory conditions.

For further information about the SRB, collecting samples and access to samples, contact [Andrea Short](#), [Nawar Bakerly](#) or [Rob Oliver](#).

## Programme and Project Managers' Network

A new network has been developed to support effective research management for project and programme managers working within health and social care research.

It aims to provide a network of support for programme managers across North West England, share good practice, discuss and evaluate new working procedures and look at challenges within grant management.

An inaugural meeting was held late last year and managers are invited to join the network and attend the next meeting on Thursday 27 February, 10am-12.30pm, at Stopford Building, The University of Manchester. Register online or if you have questions about the network contact [Alison Littlewood](#) on 0161 275 6089 or Cara Afzal on 0161 276 5389.

## Chocs away!

With Easter not too far away and the supermarkets full of bunnies, chicks and eggs, anyone who missed this important piece of [research](#) in the BMJ at Christmas might like to catch up with the thousands who've already read about this fascinating covert observational study. Scope, perhaps, for a similar study on Creme Eggs versus Mini Eggs...

## Car concern for seriously hurt children

More than a quarter of severely injured children were taken to hospital by private car rather than specialist ambulance services, according to the first national report on the nature and outcome of trauma management for children in England and Wales.

The report has been produced by TARNLET, the paediatric (0-15 years) component of the Trauma Audit and Research Network, hosted by Salford Royal. It looks at the cases of the 737 most severely injured children out of more than 4,700 who suffered significant injuries in 2012. Road traffic incidents and falls from heights were the most common causes of injuries.

The report shows that severe head injury occurs in a large proportion of the severely injured children, emphasising the importance of neurointensive and neurological care within the Trauma Networks. Read more [here](#).

## Manchester Centre for Cellular Metabolism

January saw the launch of this new centre at The University of Manchester to develop new means of diagnosis, prevention and personalised treatment for metabolic disorders to improve health and quality of life.

The Centre, directed by Professors Michael Lisanti and Paul Townsend, will develop an infrastructure to facilitate world-leading research across diverse academic disciplines with a common area of interest. Its website is [here](#).

## Campaign for Cavell coin

A nursing charity named after First World War heroine Edith Cavell is backing a campaign to have her name and face included on a new commemorative coin.

The Treasury will be issuing a new £2 coin featuring the face of Field Marshall Lord Kitchener to mark this year's centenary of the outbreak of World War I. But a councillor in Sheffield has started a campaign for the coin to feature nurse Edith Cavell instead.

Her links to Salford were documented by Professor Bill Ollier last year, when his Heroes of Health series documented her time at Manchester and Salford Sick Poor and Private Nursing Institution from 1906-7. Read more about the campaign [here](#).

## Closing the gap

Haelo, Salford Royal, The University of Manchester and The University of Oxford have been successful in a bid for Health Foundation Closing The Gap Funding.

The two-year project will aim to find out what are the barriers and enablers that hospital boards and clinical commissioning groups face when attempting to monitor and measure safety in their organisation. There's more on Haelo's [website](#).

## Governance

### Problems, issues, questions?

Any queries about studies, amendments or governance issues should be directed to Research and Development Lead [Natalie Garratt](#) in the first instance and she will point you in the right direction if she can't help directly. Her phone number is 0161 206 5203.

### Medical devices in research

In order to identify issues with CE-marking, MHRA approval and equipment indemnity at any early stage, avoiding

delays later on, it is essential that research teams notify Medical Physics as soon as possible of any studies involving medical devices. Contact [Stuart Watson](#).

## Engagement

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### 24/7 healthcare

Over the next 30 months, Professor Tim Doran is leading research into the impact for staff and patients of extending the fully operational hours of hospitals.

Since 2007, Salford Royal has gradually extended its hours of full operation, culminating in the implementation of an 'Emergency Village' service in 2012, providing consultant-led care from 7am to 11pm, seven days per week.

Extending the hours that hospitals are fully operational could improve access and outcomes for patients, but extending fully-operational hours has an impact on staff and affects costs for the NHS. Funded by the National Institute for Health Research (NIHR), this research will benefit the NHS by providing hospitals, local commissioners and the Department of Health with vital information on the costs, benefits and potential unintended consequences of extending the hours of full operation of the NHS.

The Salford R+D Engagement Team will be working with the research team to support the development of patient and staff involvement throughout the research.

### Citizen Scientist snaps to it

Quick, easy and it got results – that was the verdict of Jo Osman, Research Nurse in Salford Royal's Photobiology department after using the Citizen Scientist project to recruit trial volunteers.

Jo was seeking participants for an on-going study assessing the protective actions of omega 3 fatty acids against sunburn.

She said: "It really was so easy. I spoke to Project Manager Francine Jury, confirmed what I needed, had the paperwork signed off by the Principal Investigator and within the same day it was already on the Citizen Scientist website. The speed it was turned round was fantastic, with the bonus that enquiries started coming in virtually straight away.

"It looks like we've now got the final few volunteers we needed to complete this particular research project.

"We've got another study starting up shortly and I know I will go straight to Citizen Scientist for support with recruitment."

- Find out more about Citizen Scientist on its [website](#) or call Francine on 0161 206 1828.

### Promote research on radio

Salford City Radio host Brian Minor, a health research ambassador in Salford, is keen to have researchers on his show to talk about and promote their research. Brian recently featured Research Fellows and members of the Research User Group of the [Greater Manchester Patient Safety Translational Research Centre](#). If you are interested in this engagement opportunity, get in contact through [Claire Mooney](#).

## Participation and recruitment

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### GM PSTRC sets up Core Research User Group

The GM PSTRC is looking for new members to join its Research User Group either as a Core or Associate member. You will need to use NHS primary care services (GP surgeries or pharmacies) in Greater Manchester.

As well as patient populations, the GM PSTRC is keen to reach primary care practitioners (doctors, nurses, allied health professionals, practice staff, pharmacy staff etc) and those who work in or have a specialist interest/knowledge in patient safety or research.

For more information about the different types of membership and to download an application pack, see [here](#).

### Voluntary organisations in the spotlight

A research workshop for the over 50s to look at the role of voluntary organisations takes place at Urmston Library, Eden Square, on 24 February, 10.30am-3.30pm. It's a chance to get involved in developing guidance for standards of care practice in the voluntary sector for older people and their carers.

The workshop is in the morning with an opportunity to join tai chi and healthy hips and hearts sessions in the afternoon after a buffet lunch. To book a place ring 0161 746 9754.

## Funding

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## Diabetes and other HTA calls

The NIHR Health Technology Assessment programme is looking for evidence synthesis proposals for:

- HbA1c targets for people with type 2 diabetes.
- Interventions to increase the uptake of diabetic retinopathy screening.
- Managing diabetes in people with dementia.

The deadline is 8 May and there are more details [here](#).

The HTA programme is also looking for primary research proposals for:

- Self-sampling for sexually transmitted infections in men who have sex with men.
- Interventions for small bowel Crohn's disease.
- Surgical interventions for renal stones.
- Ablative techniques for liver metastases.

The following primary research calls are for collaborative applications from UK and Australian researchers:

- Early warning signs of relapse in schizophrenia.
- Relapse prevention interventions for smoking cessation.

Again, the deadline is 8 May and there is more information and details of how to apply [here](#).

## Develop your career

Competitions for NIHR/HEE Clinical Doctoral Research Fellowships, Clinical Lectureships and Senior Clinical Lectureships - for midwives, nurses and allied health professionals including pharmacists - are open now.

CAT CLs and SCLs are designed to support nurses, midwives and allied health professionals to develop careers that combine research and clinical practice. Award holders will be expected to divide their time equally between their proposed academic and clinical commitments. An award from either scheme will fund up to half the salary costs of the award holder, the costs of an appropriate research programme and the costs of appropriate training and personal development.

The deadline is 30 April and further information is available on the NIHR TCC [website](#).

If you'd like to join the mailing list to be kept informed of future opportunities on the NIHR/HEE Clinical Academic Training Programme, email your details [here](#).

## Training

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### Seminar series

Professor Chris Armitage will speak at our second Seminar to promote collaborative research on Monday 7 April. His research has focussed on psychological intervention and behaviour change, including alcohol consumption, weight management, self-harm and smoking. He is Professor of Health Psychology at The University of Manchester and will be speaking about psychological intervention and behaviour change – a peek inside the health psychologist's tool box. The seminar is from 12.30-2pm in the Frank Rifkin Lecture Theatre at Salford Royal.

On 2 June, Professor Nicky Cullum from The University of Manchester's School of Nursing, Midwifery and Social Work will speak about evidence-based wound management while on 4 August, Professor David French, also from The University of Manchester, will examine how to help older adults top maintain increases in physical activity.

Future seminars will be on the first Monday of every alternate month. Drinks will be provided, but please bring your own lunch. If you have suggestions for future speakers, please contact [Andrea Short](#).

### Hot Topics

- Thursday 20 February, noon-1pm, Seminar Room 9, Mayo Building – Maureen Daniels and Dayle Roberts will look at tips and techniques for getting your project approved quickly.
- Thursday 20 March, noon-1pm, Seminar Room 10, Mayo Building – Rachel Georgiou and Natalie Garratt will look at the work of the Health Research Authority.

Have your say on future Hot Topics sessions by filling out our brief survey [here](#). We want to know if the times and dates of these monthly updates are suitable and what sort of subjects you'd like to see covered.

### Salford Research Training Academy

For more information from Salford Research Training Academy, follow [@SalfordResAcad](#) on Twitter.

### External training

[Medication safety and the introduction and evaluation of interventions](#). Professor Bryony Dean Franklin will lead this ISQua webinar on Wednesday 23 April, noon-1pm. Use of medication is the most common intervention healthcare but five per cent of admissions to NHS hospitals are due to medication-related harm, half of which are

preventable. This free presentation will highlight some key issues in introducing and evaluating interventions to enhance medication safety. Register [here](#).

**Public Health Research (PHR) and Health Services and Delivery Research (HS&DR) seminar.** This seminar, organised by the [Research Design Service North West](#), is to highlight national funding opportunities for applied health and social care research. It is on 21 March, 10.45am-3.30pm, at the Jean McFarlane Building, The University of Manchester. Further information including the full programme can be found [here](#).

## Events

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**North West R+D Meeting.** This get-together for R+D managers will include presentations from Stuart Eglin, Judy Ford, Bill Davidson, Jacqui Pirmohamed and Sarah Rickard as well as a knowledge exchange session on developing a flexible R+D office. It's at Wrightington Hospital, Wigan, on 28 February, 9am-1pm. Future meetings are planned for July 10 and November 12 – contact [Sarah Rickard](#) if you want to attend.

**Health and Care Innovation Expo 2014.** Keynote speakers will include Ara Darzi, Victor Adebawale, Jane Cummings, Tim Kelsey, and chief executive Sir David Nicholson, as well as medical director Sir Bruce Keogh. It takes place on 3 and 4 March at Manchester Central. For more information visit the [website](#) and follow all the news as it happens on Twitter [@NHSExpo](#) #Expo14NHS

**International Conference on Urban Health.** Manchester Urban Collaboration on Health, headed by Dr Arpana Verma, hosts this international forum from 4-7 March at Manchester Central. It aims to mobilise like-minded professionals to address the effects of urbanisation and urban environments on the health of urban populations. Speakers include Professor Sir Michael Marmot, Professor Martin McKee and Professor Johan Mackenbach. See [here](#) for more.

**North West Cardiovascular Magnetic Resonance Meeting.** The focus will be on athletes' hearts at this meeting, with speakers including Salford Royal's Nik Abidin on echocardiographic evaluation as well as Sanjay Sharma, Medical Director of the London Marathon, and Matthias Schmidt. The meeting is on 5 March at the Education and Research Centre, Wythenshawe Hospital. If you want to attend, email [Chris Miller](#).

**Microglia Priming in Neurodegenerative Disease.** Professor Hugh Perry, Chair of the MRC Neuroscience and Mental Health Board, will discuss the impact of systemic inflammation on exacerbating symptoms and hastening progression of neurodegenerative diseases in this seminar on 5 March, 4-5pm, at Michael Smith Lecture Theatre, The University of Manchester. Register [here](#).

**Homelessness, social exclusion and health inequalities.** Speakers at this two-day conference include Duncan Selbie of Public Health England and Professor Steve Field, the CQC's Chief Inspector of General Practice. It will look at impacts on A&E, improving hospital discharge and reducing readmissions, mental health and issues around drug and alcohol misuse, among others. It is on 5 and 6 March at the ILEC Conference Centre, Earls Court, London. More [here](#).

**Being a clinical health researcher: Career advice from the front line.** A one-day meeting organised by the NIHR for nurses, midwives, allied health professionals and pharmacists, offering information on how to start and enhance your career in clinical health research. Attendance is free and the meeting is on 10 March at the Holiday Inn Bloomsbury, London. See more details and register [here](#).

**Dementia Challenge Conference.** Professor Alistair Burns is speaking at this conference which will provide an opportunity for all those working with, caring for and living with dementia to come together to gain real insight into the fight back against the disease. It takes place on 8 April at The Mermaid Conference and Events Centre, London. See [here](#) for details. For details on all other available courses, please visit the online training directory.

**Let's talk research.** The NHS Research & Development North West Annual Conference takes place on 24 and 25 September at the Reebok Stadium, Bolton. Abstracts are invited that:

- Present findings of completed clinically focussed research projects which may have been undertaken as part of a Masters or PhD or as part of clinical practice.
- Present work undertaken within organisations or teams within the NHS to promote a culture of research and innovation.

The final deadline for submitting abstracts is Monday 31 March. Further details and forms can be downloaded [here](#).

## Staff updates

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### Vacancies

- [Operations and Projects Manager, CLAHRC](#) – band 8b (closing date 27 February).
- [Dementia Clinical Research and Delivery Lead](#) – band 8b (closing date 15 March).
- [Divisional Clinical Lead](#), NIHR Clinical Research Network Greater Manchester – part time secondment,

Consultant pay band (closing date 20 February).

- [Local Clinical Research Specialist Lead](#), NIHR Clinical Research Network Greater Manchester – part time secondment, Consultant pay band (closing date 20 February).

Please visit Salford Royal's [website](#) for internal vacancies and [NHS Jobs](#) for external vacancies.

## Journals, articles, newsletters and blogs

- The GM PSTRC (Greater Manchester Primary Care Patient Safety Translational Research Centre) is a unique research partnership between Salford Royal NHS Foundation Trust and the University of Manchester focusing on improving patient safety in primary care settings (eg GP surgeries and pharmacies etc).

This world leading research centre is managed and governed by an Executive Management Board featuring a number of familiar Salford faces - Sir David Dalton (Chief Executive, Salford Royal), Dr Hamish Steadman (GP and Chair, Salford CCG) and Dr Mike Burrows (local Area Director, NHS England).

You can find out more in the first edition of the [GM PSTRC Newsletter](#), available now or [register your email address](#) to receive all future editions.

- Former Salford Royal Practice Development and Support Lead Jayne Hardicre has blogged about using sophisticated computer-controlled mannequins to train researchers. Read her contribution to the CCRN website [here](#).
- The Health Research Authority has a monthly news bulletin with useful information about governance and PPI – sign up [here](#).
- MAHSC's latest monthly newsletter is available [here](#) and can also be accessed through the SRFT intranet site.

## Recent articles

- Gwilym Morris, Alicia D'Souza, Halina Dobrzynski, Ming Lei, Rudi Billeter, Yelena Kryukova, Richard Robinson, Paul Kingston, Mark Boyett: [Characterisation of a right atrial subsidiary pacemaker and its utility for biopacemaking in sick sinus syndrome](#) (Cardiovascular Research).
- Clare Appleby, Parisa Ranjzad, Paul Williams, Salik Kakar, Anita Driessen, Edze Tijmsa, Brian Fernandes, Anthony Heagerty, Paul Kingston: [Periluminal expression of a secreted TGF- \$\beta\$  Type-II receptor inhibits neointima formation following stent-based coronary gene transfer](#) (Human Gene Therapy).
- Arif Aslam, Matthew Harries: [Patchy hair loss in an otherwise healthy man](#) (Canadian Medical Association Journal).
- Emilia Mitchou, Jeremy Dick, Mark Kellett, Shaheen Hamdy, et al: [Dissociating the cortical mechanisms underlying swallowing disorders to dopaminergic intervention in Parkinson's disease: A transcranial magnetic stimulation study](#) (Dysphagia).
- Rebecca Fitzgerald, Massimiliano di Pietro, Krish Ragunath, Yeng Ang, et al: [British Society of Gastroenterology guidelines on the diagnosis and management of Barrett's oesophagus](#) (Gut).
- Peter McDermott, Joe Sebastian: [Should ketamine be used as an induction agent in traumatic brain injury?](#) (British Journal of Hospital Medicine).
- Faisal Ali, John Lear: [Medical image - Systemic retinoids for recurrent keratoacanthomas](#) (The New Zealand Medical Journal).
- Meneka Kaur Sidhu, Hisham Hamdalla: [A progressive multifocal conundrum](#) (Practical Neurology).
- James Ritchie, Francesco Rainone, Darren Green, Helen Alderson, Diana Chiu, Rachel Middleton, Donal O'Donoghue, Philip Kalra: [Extreme elevations in blood pressure and all-cause mortality in a referred CKD population: Results from the CRISIS Study](#) (International Journal of Hypertension).
- Nicos Mitsides, Darren Green, Rachel Middleton, David New, Elizabeth Lamerton, Judith Allen, Jane Redshaw, Paul Chadwick, Chinari Subudhi, Grahame Wood: [Dapsone-induced methemoglobinemia in renal transplant recipients: more prevalent than previously thought](#) (Transplant Infectious Disease).
- Helen Alderson, James Ritchie, Darren Green, Diana Chiu, Philip Kalra: [The potential for biomarkers of chronic kidney disease mineral bone disorder to improve patient care](#) (Nephron Clinical Practice).
- Darren Green, James Ritchie, Philip Kalra: [The association of ECG and echocardiographic abnormalities with sudden cardiac death in a dialysis patient cohort](#) (Journal of Nephrology).
- Darren Green, James Ritchie, Philip Kalra: [Meta-analysis of lipid lowering therapy in maintenance dialysis patients](#) (Nephron Clinical Practice).
- Nicos Mitsides, Kerry Greenan, Darren Green, Rachel Middleton, Elizabeth Lamerton, Judith Allen, Jane Redshaw, Paul Chadwick, Chinari Subudhi, Grahame Wood: [Complications and outcomes of Trimethoprim-Sulphamethoxazole as chemoprophylaxis for pneumocystis pneumonia in renal transplant recipients](#) (Nephrology).

- Amy Foulkes, Richard Warren: [Patients' narratives](#) (Current Problems in Dermatology).
- James Palmer: [Critical incidents: The respiratory system](#) (Anaesthesia and Intensive Care Medicine).
- Vandana Girotra, Abdul Lalkhen: [Anaphylaxis](#) (Anaesthesia and Intensive Care Medicine).
- Emilia Michou, Satish Mistry, Samantha Jefferson, Pippa Tyrrell, Shaheen Hamdy: [Characterizing the mechanisms of central and peripheral forms of neurostimulation in chronic dysphagic stroke patients](#) (Brain Stimulation).
- Simon Featherstone: [Display staffing levels to show importance placed on safe care](#) (Nursing Times).
- Noel Clarke: [Balancing toxicity and efficacy: Learning from trials and treatment using antiresorptive therapy in prostate cancer](#) (European Urology).
- Emma Vardy, Rachel Holt, Alex Gerhard, Anna Richardson, Julie Snowden, David Neary: [History of a suspected delirium is more common in dementia with Lewy bodies than Alzheimer's disease: A retrospective study](#) (International Journal of Geriatric Psychiatry).
- Caroline Henson, John McLaughlin, Yeng Ang, Chris Babbs, John Crampton, Mark Kelly, Simon Lal, Jimmy Limdi, Greg Whatley, Ric Swindell, Wendy Makin, Susan Davidson: [12 month outcome and patient satisfaction with structured gastroenterological evaluation for chronic gastrointestinal symptoms following pelvic radiotherapy](#) (Gut).
- Danielle Nimmons, Neil Pendleton, Tony Payton, Jack Wilkinson, Shaheen Hamdy: [A novel association between COMT gene polymorphisms and risk of symptomatic dysphagia in the elderly](#) (Gut).
- Christopher Calvert, Simon Lal, Cath Stansfield, John McLaughlin, Andrew Robinson: [The development of a web-based system to enhance care in inflammatory bowel disease](#) (Gut).
- James Wraith, Frédéric Sedel, Mercèdes Pineda, Frits Wijburg, Christian Hendriksz, Michael Fahey, Mark Walterfang, Marc Patterson, Harbajan Chadha-Boreham, Stefan Kolb: [Niemann-Pick type C Suspicion Index tool: Analyses by age and association of manifestations](#) (Journal of Inherited Metabolic Disease).
- Alexander Nast, Ulrich Mrowietz, Knud Kragballe, Elke De Jong, Lluís Puig, Kristian Reich, Richard Warren, Ricardo Werner, Christian Kopkow, Jochen Schmitt: [Barriers to the prescription of systemic therapies for moderate-to-severe psoriasis - A multinational cross-sectional study](#) (Archives of Dermatological Research).
- Andrew Robinson, Matthew Hankins, Gwen Wiseman, Matt Jones: [Switches of 5-aminosalicylates in ulcerative colitis, risk of relapse and ascertainment bias – Authors' reply](#) (Alimentary Pharmacology and Therapeutics).
- Charlotte Alston, Andrew Schaefer, Pravrutha Raman, Nicola Solaroli, Kim Krishnan, Emma Blakely, Langping He, Kate Craig, Mark Roberts, Aashish Vyas, John Nixon, Rita Horvath, Douglass Turnbull, Anna Karlsson, Grainne Gorman, Robert Taylor: [Late-onset respiratory failure due to TK2 mutations causing multiple mtDNA deletions](#) (Neurology).
- Vino Apok, Samantha Mills, Calvin Soh, Konstantina Karabatsou: [Preoperative factors in predicting atypical meningiomas](#) (Neuro-Oncology).
- Natalie Arran, David Craufurd, Jane Simpson: [Illness perceptions, coping styles and psychological distress in adults with Huntington's disease](#) (Psychology, Health & Medicine).
- Yared Demssie, Leena Patel, Mohit Kumar, Akheel Syed: [Hypomagnesaemia: clinical relevance and management](#) (British Journal of Hospital Medicine).
- Faisal Ali, John Lear, Neel Sharma: [Mitigating the risk of skin cancer associated with thiopurine use](#) - letter (British Journal of Hospital Medicine).

If you've contributed to a publication, please let us know so we can include it in this monthly list.

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

The 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.

**Please bring this to the attention of staff who do not have access to email.**