

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.

15 February  
2017  
V5 E2

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



[@SalfordRD](#)



## News

### Senior Clinical Research Leads appointed

Congratulations to Professor Phil Kalra, who has been appointed as Principal Clinical Research Lead, and Professor Andrew King, the new Senior Clinical Research Lead for Salford Royal. They will each have responsibility for key areas of R+D and play an essential role in shaping and delivering our research strategy.

Renal Consultant Professor Kalra is an Honorary Professor at The University of Manchester, chair of the NIHR CRN National Renal Disorders speciality group and Academic Vice President of the Renal Association, where he is helping to implement the UK Renal Research Strategy.

Consultant Neurosurgeon Professor King is also Clinical Director for Surgical Neurosciences at Salford Royal, Honorary Professor of Neurosurgery at The University of Manchester and is on the Academic Committee of the Society of British Neurological Surgeons.

A second Senior Clinical Research Lead will be announced in the coming weeks.

### New cash injection to fund patient safety research

Salford Royal and The University of Manchester are to receive more than £6m of funding for their [NIHR Primary Care Patient Safety Translational Research Centre](#).

The grant is part of a wider £17m fund from the National Institute for Health Research (NIHR), with centres in London and Bradford also benefitting. This is the latest wave of investment backing Greater Manchester based clinicians and academics – following a £28.5million investment in a NIHR Biomedical Research Centre in September and £12.5million in the NIHR Clinical Research Facility in November.

The investment will be spent on patient safety research with the centres aiming to turn patient safety discoveries into practice, with previous research undertaken in Manchester and London already having an impact on NHS frontline services.

[Read more here.](#)

### MISTIE team honoured again

Salford Royal's team has won the European 'Hanley Cup' for the MISTIE trial for the second year running.

This study is an international, phase III, 500-patient clinical trial looking to define a successful treatment for intracerebral haemorrhage. This is a sudden bleeding into brain tissue which can have devastating results. It is a world-wide problem for which there is currently no effective treatment. The cup is named after the

trial's Chief Investigator and Professor of Neurology at Johns Hopkins University Baltimore, Dan Hanley.

The award recognises overall achievement with the trial such as recruitment, number of patients screened, timely response to queries and completion of study visits. It is a massive achievement for the second year running for Salford, the Acute Research Delivery Team and MISTIE team. Congratulations to all involved in the study throughout the Trust, including R+D, stroke, neurology and critical care departments, radiology, PACS, theatres and aseptics.

### Trust to join huge surgery evaluation

Salford Royal is to take part in the [SNAP-2 \(EpiCCS\)](#) study this March. Sprint National Anaesthesia Projects (SNAPs) are 'snapshot' evaluation studies of clinical activity and patient-centred outcomes that are important and relevant to both patients and anaesthetists.

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.

All adult patients undergoing any type of surgery or procedure requiring the support of an anaesthetist during the study period and expected to stay overnight in hospital after their operation are eligible to be included. Patients will be asked to complete a questionnaire before their surgery and give contact details for postoperative follow-up.

The study will also survey anaesthetists and surgeons on their attitudes and behaviours regarding risk prediction and postoperative critical care admission.

Salford Royal also took part in [SNAP 1](#) in May 2014, a two-day evaluation of patient reported outcomes after anaesthesia.

### Stem cell treatment offers new hope in stroke

Well done to all involved in the PISCES-II study, which has been testing a new treatment using stem cells for people who have had a stroke. Salford Royal enrolled one of the 21 patients involved in this ground-breaking study. It is now closed to recruitment but has reported [encouraging results](#).

At present the 'gold standard' treatment for stroke is clot-busting thrombolysis treatment which is best given within four and a half hours of a stroke. But not all patients are able to get to hospital and be treated within this time– and that puts them at greater risk of permanent disability.

The PISCES II study investigated whether injecting stem cells directly into the patient's brain was associated with improvement in arm mobility and strength.

Professor Pippa Tyrrell was Principal Investigator for the study at Salford Royal, one of nine hospitals in the UK taking part. She paid tribute to the stroke research nurse team, surgeon Julian Evans and his team, and staff in the research pharmacy for their work on the project, as well as thanking patients and their families throughout the UK for taking part.

Trial sponsor ReNeuron is now looking to apply to the US and European regulatory authorities to begin a randomised, placebo-controlled, pivotal clinical trial in patients who are living with disability post-stroke. Please see [ReNeuron's website](#) for updates.

### 100,000 Genomes Project

Salford Royal is helping to change how NHS patients are treated and cared for by taking part in the pioneering [100,000 Genomes Project](#).

The project is working with people with rare diseases and their families, and those with cancer. In Salford, patients with rare kidney diseases and their families, as well as patients with brain tumours, could be invited to take part by giving samples of their DNA.

Professor Phil Kalra will be leading the renal part of the project at Salford Royal, which will focus on people

with polycystic kidney disease (ADPKD), Alport's syndrome and atypical haemolytic-uraemic syndrome (aHUS). Neurosurgeon Pietro D'Urso will head the brain tumours section.

Nationwide, the project will sequence (read the DNA of) 100,000 genomes from around 70,000 people by early in 2018. Read more on our [website](#).

### Backing for new device to improve care and safety

A new device invented in Salford could improve the care and safety of people being screened for bowel cancer.

Thousands of people a year in the UK have a colonoscopy to diagnose cancer and other conditions affecting the large bowel. Colonoscopies are also undertaken to remove benign growths called polyps which are very common and can predispose a patient to bowel cancer.

Salford Royal Consultant, Professor Gordon Carlson and his colleagues have developed a novel device which will make the process safer, quicker, simpler, less expensive and much more comfortable for patients. He has recently been awarded £36,000 from Greater Manchester Academic Health Science Network to undertake further development and trials. International and UK patents have been filed for the device and Professor Carlson and his partner, Dr James Corden from TRUSTECH, are currently liaising with commercial partners.

### Testing new therapy for Parkinson's-related dementias

Many people living with Parkinson's-related dementias can experience reduced quality of life as a result of impaired cognitive function and reduced cognitive stimulation. Drug-based treatments for dementia are limited and may not be tolerated by some people.

Salford Royal's Dr Monty Silverdale is among the researchers testing the feasibility of a novel cognitive stimulation therapy, specifically developed for people with Parkinson's-related dementias and designed to improve quality of life and cognition. The study is open for recruitment until July 2017.

For more information visit [www.invest-trial.com](http://www.invest-trial.com) or the [Citizen Scientist](#) website. For inquiries email [GMCRN.dementia@nihr.ac.uk](mailto:GMCRN.dementia@nihr.ac.uk) and quote 'INVEST'.

### Adventures in stroke research

Join Professor Pippa Tyrrell to hear about her 'Adventures in stroke research' when she gives the next R+D Professorial Lecture on 28 June, 5-6.30pm.

Honorary Stroke Consultant at Salford Royal and Professor of Stroke Medicine at The University of Manchester, Professor Tyrrell was the first specialist stroke physician to be appointed in Manchester in 1995. This lecture will be an opportunity to hear about how her work has helped to improve treatment and care for stroke patients, and how she has inspired the next generation of stroke specialists through her teaching and mentoring.

It takes place in Humphrey Booth Lecture Theatre, Mayo Building, Salford Royal and 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 you and your colleagues' achievements:

- [European Society of Intensive Care Medicine Awards](#) (deadline 1 May)
- [Nursing Times Awards](#) (deadline 6 June)

### Latest from Biomedical Research Centre

The National Institute for Health Research Manchester Biomedical Research Centre comes into operation this April. It will cover research into musculoskeletal disease, hearing health, respiratory disease, dermatology (led by Salford Royal's Professor Chris Griffiths) and three cancer themes (prevention,

radiotherapy and precision medicine).

You can see regular updates on Twitter by following [@ManchesterBRC](#).



## Governance

### Consent – keep it in proportion

The Health Research Authority HRA is encouraging researchers to take a more proportionate approach to the process of seeking consent for participation in research.

To find out more about how its new guidance fits into wider HRA work and to read the document itself, visit the [HRA website](#).



## Engagement

### Recruitment help from Citizen Scientist

Recruiting patients and healthy volunteers to trials can be a problem, with researchers often finding it hard to recruit enough people as quickly as they're needed.

But specialist help is available here in Salford through [Citizen Scientist](#), which was launched in 2012 to give researchers a different approach to finding participants and to offer the community more accessible information about the research happening within their area.

It now has more than 3,000 people signed up to receive regular updates about research. The Citizen Scientist Engagement and Communications Officer Natalie Balmain will also promote recruitment into individual studies through its website and social media.

If you have a research study that needs more participants, contact [Natalie](#) for advice on 0161 206 1828.



## Funding

### Help with service improvement

The Manchester Academy for Healthcare Scientist Education (MAHSE) will be awarding up to £20,000 to fund service improvement and innovation projects undertaken by healthcare science staff within the NHS in the North West of England. This funding opportunity is particularly aimed at developing individuals who are currently working as healthcare science assistants, associates, practitioners and early career healthcare scientists.

The MAHSE Service Improvement and Innovation Project Fellowships are being awarded as part of the Health Education England (North West) funded MAHSE Research and Innovation Project which aims to support the development of a research and innovation culture in the healthcare science workforce.

Applications for the fellowships will open in March 2017. Please email [projects@mahse.co.uk](mailto:projects@mahse.co.uk) or follow [@MAHSE1](#) on Twitter for updates.



## Training

### Trauma orthopaedic surgery in spotlight

Following the launch of the Greater Manchester Academic Centre for Acute Tissue Injury and Trauma (GM-CAT) in November, Salford Royal's Professor Paul Dark and Dr Martin Smith are hosting the next GM-CAT meeting [Developments in academic trauma orthopaedic surgery across Greater Manchester](#) on 15 March, 5-8pm. The programme includes insights into the Greater Manchester Orthopaedic Alliance and a novel way

of reviewing data to improve patient care.

Further meetings are planned for 14 June, 20 September and 22 November, all at the Nowgen Centre, Manchester.

GM-CAT is also collaborating with the University of Salford and MAHSC for the [North West Trauma Symposium](#) on 4 May, at MediaCity, Salford. Consultants Professor Paul Dark and Professor Fiona Lecky from Salford Royal are among the speakers, alongside Professor Tony Freemont from The University of Manchester and Dr Antoinette Edwards from the Trauma Audit and Research Network.

The symposium will also showcase preliminary findings from the ongoing Trauma Biomarker Project (UKCRN 19377), a multi-centre NIHR-Portfolio study led by the University of Salford in collaboration with Salford Royal and Central Manchester Foundation Trusts.

For poster submissions, contact [Dr Niroshini Nirmalan](#) or [Dr James Hanison](#).

### [Dermatology for community healthcare professionals](#)

This CPD course from The University of Manchester is aimed at healthcare professionals who work in the community and want to assess and manage patients with common skin problems. You can take a blended learning version of each unit designed for GPs, trainee GPs and community nurses, or an e-learning only version for these professionals plus community pharmacists and physician associates.

Practical sessions for the blended learning courses take place in new purpose-built facilities at Salford Royal. The CPD units are accredited by the Royal College of General Practitioners.

The course will look at how to encourage patient independence in their healthcare, as well as safe, cost-effective prescribing and maintaining care in the community for stable and benign conditions. The key focus will be on a collaborative approach to care.

There are 12 hours of e-learning and a practical workshop day for each unit. For those taking the full, blended learning version of any of the units, specific dates apply for final registration. Please also note the dates of the practical workshops, which take place at Salford Royal:

- Benign lesions in the context of malignancy (4 March)
- Managing drug eruptions and emergencies (13 May)
- Common inflammatory conditions (November TBC)

For more details, see [here](#) or email [cpdbmh@manchester.ac.uk](mailto:cpdbmh@manchester.ac.uk).

### [One Manchester Translational Research Training Day](#)

This training day organised by MAHSC will address the day-to-day challenges with research delivery through practical solutions. The morning will focus on interactive presentations covering data management, safety reporting, robust study/trial management and study close down. Afternoon 'Ask the Expert' breakouts will provide tailored, practical advice from clinical trial experts and the 'Marketplace' will also offer the opportunity to have individual questions answered.

It is on 19 April, 9.30am-3.30pm, at The University of Manchester and is open to MAHSC and non-MAHSC researchers, programme managers, research assistants and clinical academic trainees in Greater Manchester. There's more information and a link to registration [here](#).

### [Looking to start a clinical academic career?](#)

Are you a non-medical healthcare professional looking to pursue a clinical academic career but not sure where to start? Health Education England (HEE) and the National Institute for Health Research (NIHR) are holding a series of workshops to explain more about the Integrated Clinical Academic (ICA) Programme and to gather views and perspectives on the programme.

Each HEE region is holding two workshops, one for prospective applicants (who could include nurses, midwives, allied health professionals, health visitors or healthcare scientists) and one for managers and

clinical team leads who could be supporting applicants.

The nearest workshops to Salford are in Preston on 28 February (managers/leads) and 1 March (applicants) or Birmingham on 8 March (managers/leads) and 9 March (applicants). The workshops run from 9.30am-4.30pm – for further information email [ICAPworkshops@uclan.ac.uk](mailto:ICAPworkshops@uclan.ac.uk) or ring Grete Smith or Lucy Cross on 01772 893608/893650.

### How nurses can build a career in research

Nurses are in a unique position on the frontline to see where the gaps are in delivering care and what questions need answering. Pursuing a clinical academic career can provide a stimulating and rewarding career pathway.

Training and career development awards from the National Institute for Health Research (NIHR) range across all levels and are open to a wide range of professions. A special one hour webinar on 22 February at 11am, specifically for nurses, will explore the opportunities available to nurses from the NIHR to pursue a clinical academic career.

The webinar will be presented by Dr Pete Thompson, Assistant Director at the NIHR Trainees Coordinating Centre and HEE/NIHR Senior Clinical Research Fellow Kirsty Winkley, Specialist Diabetes Nurse. You can register for the webinar [here](#).



## Events

[Greater Manchester Ageing Hub Conference](#). This meeting will bring together key policy-makers to showcase best practice across Greater Manchester and internationally, in partnership with the World Health Organisation and the Centre for Ageing Better. It's on 16 February at the Museum of Science and Industry.

[DigiHealth UK: Enhancing the Patient's Journey](#). If data and technology are to become embedded in everyday care it is important to build patient trust in the use of new technologies, in new working practices and in data sharing. This conference on 2 March at the Royal National Hotel, London, will hear from leading names in the field.

[Trauma Care Conference 2017](#). From injury to recovery, linking the chain of survival is the theme of this conference from 15-18 March at Yarn Field Park, Staffordshire.

[Medicine 2017: Royal College of Physicians Annual Conference](#). This conference will present cutting-edge research and showcase leading speakers, as well as hosting the RCP Excellence in Patient Care Awards. It's at Manchester Central on 16 and 17 March.

[Digital Innovation in Medicine Optimisation](#). This event will showcase digital innovations which are helping to improve the use of medicines, avoiding waste and increasing adherence to prescriptions. Speakers include precision medicine expert, Professor Sir Munir Pirmohamed. It's on 21 March, 9.30am-1pm in Liverpool.

[Dementia 2020: Implementing the Challenge](#). Professor Gillian Leng, Dr Charles Alessi and Professor Alistair Burns are among the speakers at this conference on 13 April at the Royal Society of Medicine, London.

[Obesity: Tipping Back the Scales of the Nation](#). This conference aims to promote greater understanding of the prevalence of obesity and explore some of the measures that can provide positive solutions. It's on 19 April at The Studio, Manchester.

[Dementia: Implementing Better Care](#). Professor Alistair Burns will be the keynote speaker at this conference to explore the best practices to help people live well with dementia. Professor Maxine Power, Chief Executive of Haelo, will speak about the opportunities from Greater Manchester's devolution programme to transform care. It's on 20 April at King's House Conference Centre, Manchester.

[Informatics for Health 2017](#). This event brings together Europe's leading conference, Medical Informatics Europe (MIE2017) from the European Federation for Medical Informatics (EFMI) and The Farr Institute International Conference 2017. It runs from 24-26 April 2017 at Manchester Central.

[British Renal Society Conference](#). Multidisciplinary working and improving access to renal transplantation will be among the areas covered at this conference from 26-28 April at the University of Nottingham.

[Association of British Neurologists Annual Meeting](#). This conference takes place from 3-5 May at The ACC Liverpool.

[North West Trauma Symposium](#). Salford Royal Consultants Professors Paul Dark and Fiona Lecky and Dr Antoinette Edwards from TARN are among the speakers at this conference organised by the University of Salford in collaboration with GM-CAT and MAHSC. It's on 4 May at MediaCity, Salford.

[Vascular Ehlers-Danlos Syndrome Conference](#). The UK's first Vascular EDS Conference takes place on 6 May at the Village Hotel, Bury. Dr Neeti Ghali and Dr Fleur van Dijk from the EDS National Diagnostic Service will speak about research into this group of inherited conditions.

[Annual NHS R+D Forum](#). Adding value together is the theme of the annual R+D forum at the Hilton Deansgate Hotel, Manchester on 15 and 16 May. Speakers include Dr Jonathan Sheffield from the National Institute for Health Research Clinical Research Network, Professor Martin Severs from NHS Digital and Dr Helen Bevan from NHS England.



## Staff Updates

### Vacancies

- [Senior Research Practitioner \(Acute Research\)](#) – Band 6 (closing date 15 February).
- [Senior Clinical Fellow \(Stroke Services\)](#) (closing date 27 March).

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

### Congratulations and thanks

- Salford Healthy Communities – which works with people in Salford to help prevent long-term conditions – has thanked the Neurology Research Team for a donation of two blood pressure monitors that weren't needed by the team.
- Well done to Oncology Research Nurse Kathryn Fry who raised £108.14 for Cancer Research UK by selling Unity Band bracelets on World Cancer Day, 4 February.
- Congratulations to Consultant Neurologist Dr Monty Silverdale, who has contributed a chapter on deep brain stimulation for movement disorders other than Parkinson's disease to a new book, [Electroceuticals: Advances in Electrostimulation Therapies](#), edited by Arshad Majid and published by Springer.



## Publications

### Journals, articles, newsletters and blogs

- The latest MAHSC Newsletter is available [here](#).
- Simon Rothwell, Robert Cooper, Ingrid Lundberg, James Lilleker, Mark Roberts, John Bowes, Hazel Platt, William Ollier, Janine Lamb, Hector Chinoy, et al: [Immune-array analysis in sporadic inclusion body myositis reveals HLA-DRB1 amino acid heterogeneity across the myositis spectrum](#) (Arthritis and Rheumatology).
- Amit Herwadkar: [Sonothrombolysis in acute large vessel ischemic stroke](#) (Neurology India).
- Andre Khoo, Jennifer Garrioch: ['Bizarre' rash: Adult-onset cutaneous Langerhans cell histiocytosis](#) (BMJ Case Reports).

- Jonathan Scargill, Mark Livingston, David Holland, Adnan Khan, Christopher Duff, Anthony Fryer, Adrian Heald: [Monitoring thyroid function in patients on levothyroxine: Findings and suggested change in practice](#) (International Journal of Clinical Practice).
- Thomas Walton, James Palmer: [Maintenance of anaesthesia](#) (Anaesthesia and Intensive Care Medicine).
- David Mann, Julie Snowden: [Frontotemporal lobar degeneration: Pathogenesis, pathology and pathways to phenotype](#) (Brain Pathology).
- John O'Brien, Clive Holmes, Matthew Jones, Roy Jones, Gill Livingston, Ian McKeith, Peter Mittler, Peter Passmore, Craig Ritchie, Louise Robinson, Elizabeth Sampson, John-Paul Taylor, Alan Thomas, Alistair Burns: [Clinical practice with anti-dementia drugs: A revised \(third\) consensus statement from the British Association for Psychopharmacology](#) (Journal of Psychopharmacology).
- Zsolt Zador, David Coope, Abteen Mostofi, Ian Kamaly-Asl: [Operative planning aid for optimal endoscopic third ventriculostomy entry points in pediatric cases](#) (Child's Nervous System).
- Sze May Ng, Karolina Stepien: [Glucocorticoid replacement regimens in the treatment of 21-hydroxylase deficiency congenital adrenal hyperplasia](#) (Cochrane Database of Systematic Reviews).
- Kay Mitton, Krystyna Walton, Manoj Sivan: [Tracheostomy weaning outcomes in relation to the site of acquired brain injury: A retrospective case series](#) (Brain Injury).
- James Lilleker, Anke Rietveld, Stephen Pye, Neil McHugh, Bryan Lecky, Janine Lamb, Mark Roberts, Robert Cooper, Hector Chinoy, Baziel van Engelen, et al and on behalf of all UKMYONET contributors: [Cytosolic 5'-nucleotidase 1A autoantibody profile and clinical characteristics in inclusion body myositis](#) (Annals of the Rheumatic Diseases).
- Meghna Jani, William Dixon, Lianne Kersley-Fleet, Ian Bruce, Hector Chinoy, Anne Barton, Mark Lunt, Kath Watson, Deborah Symmons, Kimme Hyrich: [Drug-specific risk and characteristics of lupus and vasculitis-like events in patients with rheumatoid arthritis treated with TNFi: Results from BSRBR-RA](#) (Rheumatic and Musculoskeletal Diseases).
- Sarah Felton, Alexandra Kendall, Abdalla Almaedani, Paula Urquhart, Ann Webb, Richard Kift, Andy Vail, Anna Nicolaou, Lesley Rhodes: [Serum endocannabinoids and N-acyl ethanolamines and the influence of simulated solar UVR exposure in humans in vivo](#) (Photochemical and Photobiological Sciences).
- Sarah Al-Bachari, Rishma Vidyasagar, Hedley Emsley, Laura Parkes: [Structural and physiological neurovascular changes in idiopathic Parkinson's disease and its clinical phenotypes](#) (Journal of Cerebral Blood Flow and Metabolism).
- Arpita Debroy-Kidambi, Kathy Dobson, Susan Holmes, Matthew Harries, Andrew Messenger, et al: [Frontal fibrosing alopecia in men – an association with facial moisturisers and sunscreens](#) (British Journal of Dermatology).
- Matthias Soop, Gordon Carlson: [Recent developments in the surgical management of complex intra-abdominal infection](#) (British Journal of Surgery).
- Anthony Thomas: [What's in that syringe? Standard drug concentrations in critical care](#) (Journal of the Intensive Care Society).
- Simon Mueller, Samuel Hogg, Jannis Mueller, Shane McKie, Peter Itin, Julia Reinhardt, Christopher Griffiths, Elise Kleyn: [Functional magnetic resonance imaging in dermatology: The skin, the brain and the invisible](#) (Experimental Dermatology).
- Darren Green, Sarah Skeoch, Michelle Alexander, Philip Kalra, Ben Parker: [The association of baseline and longitudinal change in endothelial microparticle count with mortality in chronic kidney disease](#) (Nephron).
- Rachel Taylor, Mark Handley, Sarah Waller, Christopher Campbell, Jill Urquhart, Alison Meynert, Jamie Ellingford, Deirdre Donnelly, Gisela Wilcox, Chris Lloyd, Helen Mundy, David Fitzpatrick, Charu Deshpande, Jill Clayton-Smith, Graeme Black: [Novel PEX11B mutations extend the peroxisome biogenesis disorder 14B phenotypic spectrum and underscore congenital cataract as an early feature](#)

(Investigative Ophthalmology and Visual Science).

- Abigail Langton, Helen Graham, James McConnell, Michael Sherratt, Christopher Griffiths, Rachel Watson: [Organisation of the dermal matrix impacts the biomechanical properties of skin](#) (British Journal of Dermatology).
- Roman Kislov, John Humphreys, Gill Harvey: [How do managerial techniques evolve over time? The distortion of 'facilitation' in healthcare service improvement](#) (Public Management Review).
- Simon Bailey, Kath Checkland, Damian Hodgson, Anne McBride, Rebecca Elvey, Stephen Parkin, Katy Rothwell: [The policy work of piloting: Mobilising and managing conflict and ambiguity in the English NHS](#) (Social Science and Medicine).
- Graham Dinsdale, Tonia Moore, Neil O'Leary, Philip Tresadern, Michael Berks, Christopher Roberts, Joanne Manning, John Allen, Marina Anderson, Christopher Taylor, Andrea Murray, Ariane Herrick, et al: [Intra and inter-observer reliability of nailfold videocapillaroscopy – a possible outcome measure for systemic-sclerosis-related microangiopathy](#) (Microvascular Research).
- Reza Behrouz, Vivek Misra, Daniel Godoy, Craig Smith, Adrian Parry-Jones, Mark Slevin, Mario Di Napoli, et al: [Clinical course and outcomes of small supratentorial intracerebral hematomas](#) (Journal of Stroke and Cerebrovascular Diseases).
- Nina Malecic, Helen Young: [Excessive angiogenesis associated with psoriasis as a cause for cardiovascular ischaemia](#) (Experimental Dermatology).
- Safwaan Adam, Basil Ammori, Handrean Soran, Akheel Syed: [Pregnancy after bariatric surgery: Screening for gestational diabetes](#) (BMJ).
- Anna Chisholm, Pauline Nelson, Christina Pearce, Alison Littlewood, Karen Kane, Alasdair Henry, Rachael Thorneloe, Matthew Hamilton, Jacqueline Lavallee, Mark Lunt, Christopher Griffiths, Lis Cordingley, Christine Bundy: [Motivational interviewing-based training enhances clinicians' skills and knowledge in psoriasis: Findings from the Pso Well<sup>®</sup> study](#) (British Journal of Dermatology).

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](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).