

News



New research year off to flying start

More Salford Royal patients are being given the opportunity to take part in research that can help improve diagnosis, care and treatment in the NHS.

In the first quarter of 2017-18, 1,479 patients were recruited into studies by staff at Salford Royal, which is our best first quarter performance since the National Institute for Health Research (NIHR) began more than 10 years ago. June saw our most successful month yet for recruitment to NIHR Clinical Research Network studies.

We also have strong links with the pharmaceutical industry, which means patients can gain access to some of the most cutting edge drugs and treatments available – and Salford Royal staff have recruited more patients to industry studies than other Trusts in Greater Manchester in the first quarter of the year. We are also currently in a strong position nationally – 11th of all acute trusts.

In particular, during April to June we were the top recruiting trust nationally to studies into neurological disorders and, the second for dermatology research. But staff across all specialties have worked hard to get patients involved in research, so that the studies we contribute to provide the strong evidence required to improve future healthcare.

Pat and Drew follow Louise onto NIHR leadership course

Congratulations to Senior Research Nurse Pat Lambe and Senior Clinical Studies Officer Drew Norwood-Green who begin the National Institute for Health Research Clinical Research Network [Advanced Leadership Programme](#) this month.

They are following in the footsteps of Acute Research Delivery Team lead Louise Harrison, who completed the inaugural year of the programme earlier this year. As part of her course she carried out a project to improve the way we work across boundaries and organisations.

There's strong competition for places on the prestigious programme so it is especially pleasing that Salford Royal has two members of staff involved – there are only 60 places nationwide. The course aims to develop the leadership skills of staff managing frontline research delivery and combines workplace and external learning with a strong emphasis on collaboration with peers, mentors and leaders from across CRN networks.

Meet Sherlock Salford, our research sleuth!

Salford Royal's annual open day on Tuesday 3 October will see the Research and Development Engagement team becoming 'Baker Street Irregulars' to explain how research provides the evidence underpinning diagnosis, treatment and care in the NHS. The team's stand in the Humphrey Booth Lecture Theatre, Mayo Building, will have a Sherlock Holmes theme and will encourage visitors to assess the evidence behind media headlines on 'breakthroughs' in medicine. The event will also be an opportunity to reflect on how research has shaped current practice in the NHS and to look forward at what some of our research projects might bring in the future.

The event runs from 3-5.30pm, immediately before the Trust's [Annual Members' Meeting](#) from 6-7.30pm. Please come along and say hello!

Associate professor role for Manoj

Dr Manoj Sivan has been appointed as Clinical Associate Professor in Rehabilitation Medicine at the University of Leeds and Leeds NHS Hospitals. This is an exciting new post, the first of its kind in the country, to lead a research programme in musculoskeletal pain and rehabilitation.

Manoj has worked at Salford Royal for the past five years as a Consultant in Rehabilitation Medicine and won the Trust's Jill Simpson award for clinical excellence in 2016. He is also a member of the Human Pain Research Group, led by Professor Anthony Jones. He was the UK's first NIHR Academic Clinical Fellow in Rehabilitation Medicine (and Musculoskeletal Medicine) and winner of the European Academy of Rehabilitation Medicine prize in 2014. His research interests are neuromusculoskeletal medicine and the use of rehabilitation technologies to improve function in chronic disability. He is the author of numerous peer-reviewed articles and the editor of the Oxford Handbook of Rehabilitation Medicine.

Podiatrist given prestigious Fellowship

Samantha Haycocks, who has worked in Salford Royal's Podiatry Department for 29 years, has had her hard work rewarded with a prestigious Fellowship of the College of Podiatry.

To qualify for Fellowship you have to have made a distinguished, significant, and sustained contribution to the field of podiatry medicine. Her many achievements include developing an acupuncture service for patients with painful diabetic neuropathy, increasing the awareness of our staff of the importance of research within this field and developing informed consent for sharp debridement, with a leaflet she produced being cited in the International Best Practice Guidelines and adopted by other NHS trusts across the UK. The work was also recognised by Wounds UK with an award for management of the diabetic foot.

Website prize for Research for the Future

Congratulations to the Research for the Future team whose [website](#) has triumphed in its category in the 2017 NIHR Let's Get Digital competition.

Research for the Future is led by the NIHR Clinical Research Network Greater Manchester and is based at Salford Royal. It provides information about why health research is so important and how to get involved in studies into diabetes, heart disease and respiratory conditions, sharing participant stories and the most recent opportunities. It also has information to help research staff recruiting in these areas.

Judges said its website is exceptional and described it as fresh, vibrant and very well designed from a user experience perspective.

Research for the Future was one of five shortlisted entries, all of which were reviewed by an expert judging panel and subject to a public vote. The website was designed by Manchester firm Design By Day, which also created the [Salford R+D](#) and [Citizen Scientist](#) websites.

Research Star of the Month

The biter was bit when Communications Officer Claire Mooney was chosen as Research Star of the Month for August. Claire looks after the R+D website, Facebook page and Twitter feed as well as putting together this Bulletin and our print Newsletter. She has recently been interviewing patients who have been involved in trials, resulting in a series of [Patient Stories](#) which are powerful reminders of why research is so important. If you have a patient who would like to be involved in this, please speak to Claire.

The Research Star of the Month awards recognise the way many of our staff go the extra mile to make a significant contribution to research and patient care within research. 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 short paragraph explaining why their work has made a significant contribution and should be recognised.

Nominations will 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.

Patient information highly commended

Congratulations to Professor Audrey Bowen and colleagues on the Royal College of Physicians' Intercollegiate Stroke Working Party who won a highly commended award in the 2017 BMA Patient Information Awards. The working party's 'easy read' version of the detailed [National Clinical Guideline for Stroke](#) 'Care after stroke or transient ischaemic attack: what, when and why? Information for patients and their carers' was recognised as a valuable resource for people affected by stroke. Professor Bowen was one of the editors of the National Clinical Guideline and oversaw the production of the patient and carer version, along with Alex Hoffman and Kaili Stanley, while stroke survivors Marney Williams, Bob Norbury and Steve Simpson drove the work.

Well done also to medical student James Keitley and Consultant Neurologist Dr Martin Punter, whose leaflet about cerebral venous thrombosis (CVT) for patients at Salford Royal was highly commended in the BMA Patient Information Awards too. The leaflet explains what CVT is, the symptoms, diagnosis, treatment and complications and was developed to support the Greater Manchester, Lancashire, and Cumbria care pathway developed for patients with CVT. It can be downloaded from the [Patient leaflets](#) section of the Salford Royal website.

Help with collecting and storing samples

For anyone considering research that involves collecting or storing samples, please remember that the [Salford Biorepository Facility](#) has MHRA compliant laboratories that can help facilitate the collection, processing, labelling and storage of samples. It can provide access to refrigerated centrifuges and ultra-low temperature freezers which have continuous temperature monitoring, a 24-hour double alarm, and emergency back-up safeguards. In many cases locally storing batched up samples can be much more time and cost effective than incurring frequent courier costs, so please consider this when setting up new studies.

Please contact [Chris King](#) for more information, or to have a look around the facility in the Clinical Sciences Building.

Team science is way forward for cancer

Manchester Cancer Research Centre is developing a new strategic plan to improve patient outcome, based on the premise of cancer 'team science'. It's holding a series of [information sessions](#) for research staff, including those at partner organisations such as Salford Royal. There's no need to register – simply go along to one of the sessions:

- 6 October, 1-2 pm, Education Centre, The Christie
- 25 October, 2-3 pm, Oglesby Lecture Theatre, Manchester Cancer Research Centre
- 30 October, 11am-noon, Lecture Theatre 2, MRI Undergraduate Centre
- 2 November, 10–11 am, Lecture Theatre, Michael Smith building, The University of Manchester

It will be an opportunity to hear from the Centre's Director Professor Rob Bristow, ask questions, and get involved in the process. You can sign up for the centre's newsletter [here](#).

Manchester Science Festival returns

The annual Manchester Science Festival is back from 19-29 October. Now in its 11th year, it is the largest science festival in England and aims to ignite curiosity about science in people of all ages. Events include:

- The new era of human reproduction – [Reproduction 2.0](#), 19 October
- The largest ever study of sleep – [Into the grey zone](#), 26 October
- Alzheimer's disease, technology and environment – [Baffled by brains](#) (family event), 28 October

See the full programme on the [Festival website](#).

John puts in the miles for MNDA

Consultant Neurologist and Co-Director of the Motor Neurone Disease Care Centre John Ealing is preparing to take on one of the toughest road races in the UK to raise money for the Manchester and District branch of the

Motor Neurone Disease Association (MNDA). Not only is the Langdale marathon on 21 October a tough course with some very steep climbs, but it's also John's first ever marathon.

As Patron of the branch, John decided to tackle this challenge to help raise awareness of its tireless work to support people facing this cruel disease. Read more and donate on [John's Justgiving page.](#)

Nurses tackle Army challenge

Congratulations to Research Nurses Heather Sanigar, Nikki Harwood, Pat Lambe, Mel Taylor and Vicky Thomas who took part in the [North West Hospital Challenge](#) earlier this month. The fun day involves taking on mental and physical challenges devised by the Army Reserve 208 (Liverpool) Field Hospital and our fearless five had a great time solving problems and tackling challenges such as bridge building and transporting chemicals. They've already agreed to take part again next year and hope to have a second Salford Royal team involved too – speak to any of them to find out more!

Share your pride in your work

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

- [Greater Manchester Clinical Research Awards](#) (closing date 22 September)
- [Health Business Awards](#) (closing date 6 October)
- [Bionow Awards](#) (closing date 27 October)
- [Royal College of Anaesthetists and Clinical Research Network Awards](#) (closing date 3 November)
- [Patient Experience Network National Awards](#) (closing date 24 November)

Engagement



Developing patient and public involvement in research

Patients and members of the public will help to shape Salford Royal's new research volunteer programme.

Over the years we have had a range of patient and public involvement activities, including advising on research ideas and grants, supporting awareness days and contributing to the Citizen Scientist initiative. Now Engagement in Research Manager Jess Zadik is to consult with patient and public volunteers at a meeting on 25 September to build on that work and provide a greater opportunity for more people to contribute to research.

Spreading the message about sepsis

Research Manager Nessa Nevels held a very successful awareness stall at Salford Royal to mark World Sepsis Day. Nessa is working with Professor Paul Dark on the [ADAPT-Sepsis study](#) and used the international awareness day to promote research as well as to highlight the symptoms of sepsis. Patients, visitors and members of staff visited the stall to chat about the issues, pick up information leaflets and complete a survey gauging their knowledge of sepsis. Many thanks to those of you who have taken part in the survey – further responses are still welcome until the end of this week [online](#).

Funding



From research idea to funding application

A Research Design Service North West event on 12 October in Lancaster aims to help those who want to develop and submit an application to an NIHR or other national competition peer reviewed research funding stream.

It will highlight the funding opportunities available, the application process and what funders are looking for in a submission, as well as giving guidance on how to design a study to answer your research question effectively. You will need to have at least an outline idea of your research question that you are prepared to discuss your idea with an RDS adviser.

To register your place book on the Eventbrite page [here](#). For further information on the event, including the programme, visit the RDS NW website [here](#).

NIHR calls

Current funding opportunities from the National Institute for Health Research's Health Technology Assessment, Public Health Research and Efficacy and Mechanism Evaluation programmes include:

- [Management of diarrhoea in patients with stable ulcerative colitis](#) (deadline 28 September)
- [Hyperkinetic movement disorders](#) (deadline 28 November)
- [Treatment of new onset atrial fibrillation in the ICU](#) (deadline 30 November)

There are also researcher-led opportunities in the [Public Health Research](#), [Efficacy and Mechanism Evaluation](#), [Health Technology Assessment](#) and [Health Services and Delivery Research](#) programmes.

The [Research for Patient Benefit](#) Programme competition is looking for proposals that are concerned with the day-to-day practice of health service staff, and which have the potential to have an impact on the health or wellbeing of patients and users of the NHS. The deadline is 22 November.

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

Digital Health Innovation

NHS Salford Clinical Commissioning Group's (CCG) £450,000 Digital Health Innovation Call is looking to fund the testing and development of innovative digital products, services and clinical practices that aim to improve the experience and outcomes of patients. Applications are sought which align to its innovation priorities – see what these are and find out how to apply [here](#). The closing date is 29 September.

Royal College of Anaesthetists and CRN awards

These awards recognise outstanding contributions of NHS consultants and trainees to the conduct of NIHR Clinical Research Network Portfolio studies. Applicants should set out how they would use the £1,000 prize money to increase their contribution to NIHR Clinical Research Network Portfolio studies in future. The closing date is 3 November – [more here](#).

Fulbright Cancer Research UK Award

This award supports academic researchers to pursue cancer research at any accredited higher education institution in the USA. The proposed work should align with one of the areas of priority from the [CRUK research strategy](#): early detection of cancer; brain cancers; pancreatic cancer; lung cancer; or oesophageal cancer.

The Award welcomes applications from both clinical and non-clinical academic researchers but projects must not involve direct clinical contact with patients. [More here](#).

Training



Clinical Research Network Courses

- [GCP refresher](#), Salford Royal – 12 October
- [GCP introduction](#), Salford Royal – 16 November
- [Informed consent in adults lacking capacity](#), Central Manchester – 23 November
- [Working in the CRN](#), Central Manchester – 12 December

Skin workshop will look at inflammatory conditions

The University of Manchester is holding a practical workshop day on 11 November as part of its Dermatology for Community Healthcare Professionals CPD programme. The upcoming workshop focuses on common inflammatory conditions and will be held at Salford Royal. More information on the CPD programme, fees and how to register can be found [here](#). If you have any queries about the course please contact cpd.short@manchester.ac.uk.



[Life After Stroke](#). Dr Emma Patchick from CLAHRC GM and Dr Viki Teggart from Greater Manchester Mental Health NHS FT are among the speakers at this free conference to help stroke inpatient and community teams, primary care staff and commissioners, better understand and explore the longer term support and services that are available for stroke survivors. It's on 26 September at Novotel Manchester West, Worsley.

[Stroke Research Delivery for the Future](#). This event has been organised by the NIHR Clinical Research Network Greater Manchester and North West Coast for research staff and investigators associated with NIHR stroke portfolio studies. It's on 26 September at Westleigh Conference Centre, Preston.

[Research Programme Managers Network](#). Laurence King will speak about General Data Protection Regulation at the next meeting of this peer support group. It's on 5 October, 12.30-4pm, at Manchester Cancer Research Centre.

[UK Biobanking Showcase](#). This event will be a chance to find out about the latest developments in UK-based biobanking and hear from experts on the patient perspective, research ethics and quality standards. It's on 18 October at The Oval, London.

[NCRI Cancer Conference](#). The National Cancer Research Institute's annual conference runs from 5-8 November at the BT Convention Centre, Liverpool.

[Nanotechnology in neurology and neurosciences](#). Professors Nancy Rothwell, Ed Boyden and John Hardy will speak at this event exploring the bridge between technology and neuroscience. It's on 9 November at the Core Technology Facility, Manchester.

[Greater Manchester Research Delivery Day](#). There will be presentations, workshops and opportunities to network at this day-long conference looking at the ever-changing research delivery environment, organised by the NIHR CRN Greater Manchester. It's on 14 November at Worsley Marriott Hotel and Country Club.

[INVOLVE at 21](#). This conference will celebrate the progress of public involvement in research and consider the opportunities ahead. It's on 28 November at Church House, Westminster, London.

[UK Stroke Forum Conference](#). The UK's largest multidisciplinary stroke conference will highlight the latest developments in stroke research and practice from leading experts in the field. It runs from 28-30 November at ACC Liverpool.

[Intensive Care Society State of the Art](#). Professor Fiona Lecky is among the speakers at this conference at ACC Liverpool from 4-6 December.

[National PROMs Summit](#). This conference will open with an update from NHS England on developments in Patient Reported Outcome Measures (PROMs) and will then focus on PROMs in clinical practice. It's on 11 December at De Vere West One, London.

[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.

[Genomics of Rare Disease](#). This meeting will explore how cutting-edge genomic research translates into clinical care and informs our understanding of the biology of rare disease. It will also look at lessons from large-scale whole genome studies. It runs from 26-28 March at Wellcome Genome Campus, Hinxton, Cambridge.

[Trauma Care Conference 2018](#). The 19th International Trauma Care Conference will take place from 15-18 April at the Yarnfield Park Conference Centre, Stone, Staffordshire.



Vacancies

- [Clinical Research Nurse \(dermatopharmacology\)](#) – Band 6 (closing date 5 October).
- [Senior Research Nurse \(oncology\)](#) – Band 6 (closing date 15 October).

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

Congratulations and thanks

- Congratulations to Consultant Spinal Surgeon Rajat Verma and Orthopaedic Consultant Usman Butt, who have contributed chapters to a new book, [Diagnostic Clusters in Shoulder Conditions](#), edited by Puneet Monga and Lennard Funk and published by Springer. Mr Verma shares his work on cervical spine disorders mimicking shoulder pathology and Mr Butt has written about pectoralis major.

Publications



Journals, articles, newsletters and blogs

- Nick Dand, Soren Mucha, Lam Tsoi, Christopher Griffiths, Richard Warren, James Elder, Amndre Franke, Michael Simpson, Jonathan Barker, et al: [Exome-wide association study reveals novel psoriasis susceptibility locus at TNFSF15 and rare protective alleles in genes contributing to type I IFN signalling](#) (Human Molecular Genetics).
- Barry Byrne, Tarekegn Geberhiwot, Bruce Barshop, Richard Barohn, Derralynn Hughes, Mark Roberts, Liron Walsh, et al and on behalf of the POM-001/002 investigators: [A study on the safety and efficacy of reveglucosidase alfa in patients with late-onset Pompe disease](#) (Orphanet Journal of Rare Diseases).
- Sumithra Giritharan, Joanna Cox, Calvin Heal, David Hughes, Kanna Gnanalingham, Tara Kearney: [The prevalence of growth hormone deficiency in survivors of subarachnoid haemorrhage: Results from a large single centre study](#) (Pituitary).
- John Bowes, James Ashcroft, Nick Dand, Farideh, Jalali-Najafabadi, Eftychia Bellou, Pauline Ho, Neil McHugh, Richard Warren, Anne Barton: [Cross-phenotype association mapping of the MHC identifies genetic variants that differentiate psoriatic arthritis from psoriasis](#) (Annals of the Rheumatic Diseases).
- Sarah Hibbert, Patrick Costello, Clare O'Connor, Michael Bell, Christopher Griffiths, Rachel Watson, Michael Sherratt: [A new in vitro assay to test UVR protection of dermal extracellular matrix components by a flat spectrum sunscreen](#) (Journal of Photochemistry and Photobiology).
- Stephen Broomfield, Ashish Mandavia, Jack Nicholson, Osama Mahmoud, Andrew King, Scott Rutherford, Richard Ramsden: [Long-term quality of life following vestibular schwannoma excision via the translabyrinthine approach](#) (Otology and Neurotology).
- Jeffrey Xie, Helen Alderson, James Ritchie, Philip Kalra, Yanmei Xie, Kaili Ren, Christopher Cooper, Jiang Tian, Steven Haller, et al: [Circulating CD40 and sCD40L predict changes in renal function in subjects with chronic kidney disease](#) (Scientific Reports).
- Larysa Rydzewska, Sarah Burdett, Claire Vale, Noel Clarke, Karim Fizazi, Thian Kheoh, Malcolm Mason, Branko Miladinovic, Jayne Tierney, et al: [Adding abiraterone to androgen deprivation therapy in men with metastatic hormone-sensitive prostate cancer: A systematic review and meta-analysis](#) (European Journal of Cancer).
- Sarah Martin, Andrea Power, Yvonne Boyle, Ian Anderson, Monty Silverdale, Anthony Jones: [5-HT modulation of pain perception in humans](#) (Psychopharmacology).
- Sophie Holmes, Rainer Hinz, Silke Conen, Catherine Gregory, Julian Matthews, Jose Anton-Rodriguez, Alexander Gerhard, Peter Talbot: [Elevated translocator protein in anterior cingulate in major depression and a role for inflammation in suicidal thinking: A PET study](#) (Biological Psychiatry).
- Firas Al-Niaimi, Nicole Yi Zhen Chiang: [Topical vitamin C and the skin: Mechanism of action and clinical applications](#) (Journal of Clinical and Aesthetic Dermatology).

- Vikram Swaminathan, Matthew Parkes, Michael Callaghan, Terence O'Neill, Richard Hodgson, Andrew Gait, David Felson: [With a biomechanical treatment in knee osteoarthritis, less knee pain did not correlate with synovitis reduction](#) (BMC Musculoskeletal Disorders).
- Jeremy Kirk, Anita MacDonald, Paul Lavender, Jessica Dean, Gretchen Rubin: [Can treatment adherence be improved by using Rubin's Four Tendencies Framework to understand a patient's response to expectations](#) (Biomedicine Hub).
- Gavin Humphreys, Mueez Waqar, Andrew McBain, Kanna Gnanalingham: [Sphenoid sinus microbiota in pituitary apoplexy: A preliminary study](#) (Pituitary).
- Edward Britton, Connor Rogerson, Shaveta Mehta, Yaoyong Li, Xiadun Li, Rebecca Fitzgerald, Yeng Ang, Andrew Sharrocks: [Open chromatin profiling identifies AP1 as a transcriptional regulator in oesophageal adenocarcinoma](#) (PLOS Genetics).
- Karen Waldon, Tapan Chattopadhyay: [Lessons learned from a case of Candida Discitis](#) (Age and Ageing).
- James Lilleker, Jiri Vencovsky, Guochun Wang, Lucy Wedderburn, Paul New, Robert Cooper, William Ollier, Janine Lamb, Hector Chinoy, et al: [The EuroMyositis registry: An international collaborative tool to facilitate myositis research](#) (Annals of the Rheumatic Diseases).
- Andrew Lau, Constantinos Mamais, Ewan McChesney, Navdeep Upile, Jonathan Abbas, Anne Markey, Mark Wilkie, Samuel Leong, et al: [The BeSMART \(Best Supportive Management for Adults Referred with Tonsillopharyngitis\) multicentre observational study](#) (RCS Annals).
- James Britton, Lisa Gadeke, Laurence Lovat, Shaheen Hamdy, Chris Hawkey, John McLaughlin, Yeng Ang: [Research priority setting in Barrett's oesophagus and gastro-oesophageal reflux disease](#) (The Lancet Gastroenterology and Hepatology).
- Arunan Sujenthiran, Julie Nossiter, Susan Charman, Matthew Parry, Prokar Dasgupta, Jan van der Meulen, Paul Cathcart, Noel Clarke, Heather Payne, Ajay Aggarwal: [National population-based study comparing treatment-related toxicity in men who received intensity-modulated versus 3D-conformal radical radiotherapy for prostate cancer](#) (International Journal of Radiation Oncology).
- Ffion Davies, Fiona Lecky, Ross Fisher, Marisol Fragoso-Iguez, Tim Coats: [Major trauma from suspected child abuse: A profile of the patient pathway](#) (Emergency Medicine Journal).
- Zenas Yiu, Richard Warren: [Raising standards for the evaluation of future psoriasis therapeutics: A critical checklist](#) (Clinical Pharmacology and Therapeutics).
- Ronan O'Driscoll, Luke Howard, John Earis, Vince Mak: [BTS guideline for oxygen use in adults in healthcare and emergency settings](#) (Thorax).
- William Evans, Chris Hendriksz: [Niemann-Pick type C disease - the tip of the iceberg? A review of neuropsychiatric presentation, diagnosis and treatment](#) (Psychiatric Bulletin).
- Rohit Shankar, William Henley, Tim Wehner, Carys Wiggins, Brendan McLean, Adrian Pace, Monica Mohan, Martin Sadler, Zoe Doran, Sharon Hudson, Jon Allard, Josemir Sander: [Perampanel in the general population and in people with intellectual disability: Differing responses](#) (Seizure).
- Emily Foggin, Laura Cuddy, Helen Young: [Psychosocial morbidity in skin disease](#) (British Journal of Hospital Medicine).
- Graham Dinsdale, Tonia Moore, Neil O'Leary, Michael Berks, Christopher Roberts, Joanne Manning, John Allen, Marina Anderson, Maurizio Cutolo, Roger Hesselstrand, Kevin Howell, Carmen Pizzorni, Vanessa Smith, Alberto Sulli, Marie Wildt, Christopher Taylor, Andrea Murray, Ariane Herrick: [Quantitative outcome measures for systemic sclerosis-related microangiopathy - Reliability of image acquisition in nailfold capillaroscopy](#) (Microvascular Research).
- Naveed Ijaz, David Fitzgerald: [Seborrhoeic dermatitis](#) (British Journal of Hospital Medicine).
- Katherine Teale: [Should we abandon routine blood tests? Test results are meaningless unless we understand their predictive value](#) (British Medical Journal).
- Ariane Herrick: [Therapeutic implications from the pathogenesis of Raynaud's phenomenon](#) (Expert Review of Clinical Immunology).
- Maria Paraskevaïdi, Camilo Morais, Kassio Lima, Julie Snowden, Jennifer Saxon, Anna Richardson,

Matthew Jones, David Mann, David Allsop, Pierre Martin-Hirsch, Francis Martin: [Differential diagnosis of Alzheimer's disease using spectrochemical analysis of blood](#) (PNAS).

- David Dickie, Benjamin Aribisala, Grant Mair, Eivind Berge, Richard I Lindley, Peter Sandercock, Gillian Potter, Alessandro Adami, Joanna Wardlaw, et al: [Blood pressure variability and leukoaraiosis in acute ischemic stroke](#) (International Journal of Stroke).
- Pal Barzo, Zsolt Zador, Mihaly Bodosi, Zsolt Bella, Daniel Jambor, Bela Fulop, Jenő Czigner: [Combined minimally invasive supraciliary and transfacial approach for large tumors with skull base and sinonasal involvement](#) (World Neurosurgery).
- Michael Fairclough, Beverley Ellis, Herve Boutin, Anthony Jones, Adam McMahon, Saba Alzabin, Arianna Gennari, Christian Prenant: [Development of a method for the preparation of zirconium-89 radiolabelled chitosan nanoparticles as an application for leukocyte trafficking with positron emission topography](#) (Applied Radiation and Isotopes).
- Mohammed Emajee, Zhiyu Shen, Jamie A'Court, Anand Pillai: [A systematic review of plantar plate repair in the management of lesser metatarsophalangeal joint instability](#) (Journal of Foot and Ankle Surgery).
- Ashley Woodcock, Jorgen Vestbo, Nawar Bakerly, John New, Martin Gibson, Sheila McCorkindale, Rupert Jones, Susan Collier, James Lay-Flurrie, Lucy Frith, Loretta Jacques, Joanne Fletcher, Catherine Harvey, Henrik Svedsater, David Leather: [Effectiveness of fluticasone furoate plus vilanterol on asthma control in clinical practice: An open-label, parallel group, randomised controlled trial](#) (Lancet).
- Carl Gwinnutt: [Epidural pressure waveforms](#) (Anaesthesia).
- Nicola Ughi, Graham Dinsdale, Annalisa Orenti, Patrizia Boracchi, Yannick Allanore, Ivan Foeldvari, Alberto Sulli, Maurizio Cutolo, Vanessa Smith, Ariane Herrick: [An international Survey on non-invasive techniques to assess the microcirculation in patients with Raynaud's phenomenon \(SUNSHINE survey\)](#) (Rheumatology International).

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

How to submit an article

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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

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