

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 or 0161 206 5110.

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V4 E4

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



@SalfordRD



News

Good luck Rachel, we'll miss you

This week sees the R+D team at Salford Royal and colleagues in partner organisations across Manchester and beyond say a very fond farewell and best of luck to Rachel Georgiou, our Associate Director.

Rachel has worked in clinical research since 1996 on a wide range of commercial and academic studies. She joined Salford Royal in 2000, starting within the Brain Injury Research Group and moving into the R+D department in 2007, taking up a management post in June 2008.

Rachel, who also holds the position of Honorary Research Fellow with The University of Manchester and Senior Lecturer with the University of Salford, qualified as a nurse in Blackpool in 1990. She's since added a degree in Psychology and an MSc in Health Psychology from the University of Central Lancashire, where she is now taking up a post as Senior Research Fellow.

She will be very much missed, both professionally and personally, by the many people she's inspired, supported and advised over the years. Keep in touch Rachel – we wish you every happiness.

New challenge for Wendy and Vikki

Salford Royal's Senior Clinical Research Nurse Manager Wendy Osborne has taken on a major new challenge by returning to university to complete an MSc in clinical research methods.

Wendy's part-time two-year course is being fully funded by the National Institute of Health Research (NIHR) – an achievement in itself as competition for the 100 funded places a year is fierce. She will continue to support, develop and oversee research delivery teams at Salford two and a half days a week during her Masters programme. Her work will be covered on the other two and a half days by Vikki O'Loughlin, who also leads the Acute Research Delivery Team, covering Hyperacute Stroke Research, Critical Care and Emergency Medicine Research.

Last chance to book for seminar on patient feedback

Dr Caroline Sanders will introduce her new research looking at how patient feedback can be collected, analysed and used to help improve NHS services when she gives Salford R+D's latest seminar on 27 April.

Patients have helped to plan DEPEND (Developing and Enhancing the Usefulness of Patient Experience and Narrative Data), which aims to build on the way the health service already uses surveys and other feedback, such as the Friends and Family Test. The two-year project will focus on two patient groups and their carers – people with serious mental illness, such as schizophrenia, and people with musculoskeletal conditions, such as arthritis.

The work is a joint project between The University of Manchester, Salford Royal and Manchester Mental Health and Social Care Trust and is funded by the NIHR's Health Service and Delivery Research programme.

Dr Sanders' seminar is on 27 April, noon-1pm, in Seminar Rooms 1 and 2, Mayo Building, Salford Royal.

Register [here](#).

Researcher needed for biobank access committee

The Salford Respiratory Tissue Bank collects blood samples and data that have been provided with consent from clinic outpatients for use in undefined future respiratory research. We are looking for an enthusiastic biomedical researcher who would be able to sit on the access committee and help consider research applications that are submitted requesting use of the material.

This would be on a voluntary basis, with review of a small number of applications each year (via email), and attendance at steering meetings at Salford Royal once every six months. Respiratory research experience is not specifically needed.

For more information, please contact [Rob Oliver](#).

The future of ageing

Our next Professorial Lecture will look at the future of ageing and current topics in ageing research. Professor Neil Pendleton, Professor of Medical Gerontology at The University of Manchester, Deputy Director of [Manchester Institute for Collaborative Research on Ageing](#)(MICRA), and Consultant Geriatrician at Salford Royal, will also speak about the opportunities and challenges that exist in this field in the changing world.

His lecture is on 20 June, 5.30-7pm, in Humphrey Booth Lecture Theatre, Mayo Building, Salford Royal.

Register [here](#).

Mary takes a bald step for brain injury

Working with patients with brain injuries has inspired research nurse Mary Howard-Johnes to have half her head shaved.

Mary decided to go for the half and half look because she's cared for so many people who have felt self-conscious after surgery for head injuries, strokes, brain tumours or neurological problems. She is aiming to raise money for two charities close to her heart – the national brain injury charity [Headway](#) and Salford's brain and spine injury centre [BASIC](#).

She is already receiving lots of support from her colleagues in the acute research team, who have arranged for one of Salford Royal's neurosurgeons to shave her head 'operation style' on Friday 6 May, just before the start of [Action for Brain Injury Week](#), which runs from 9-15 May. They will be accepting donations on the day but you can also sponsor Mary's fundraising efforts through these JustGiving links – her page for [BASIC](#) or her page for [Headway](#).

As well as the head shave, Mary is planning a coast to coast cycle marathon for the two charities in the following week, a 150-mile plus route from the Lakes through Yorkshire to the East coast.

Scent of Parkinson's goes global

Reporters with a nose for a [good story](#) are continuing to home in on research into whether skin odour could lead to earlier diagnosis of Parkinson's disease – it's now been featured on BBC Breakfast, [Time](#), the [Washington Post](#), [ABC News](#) and the New York Times, among others. Salford Royal Consultant Neurologist Dr Monty Silverdale is lead neurologist on the study, which is being led by Professor Perdita Barran from the Manchester Institute of Biotechnology and funded by Parkinson's UK.

Meanwhile, Monty and Dr Emilia Michou will give this year's Ian Fowler Memorial Lecture at the John Rylands Library, Manchester, on 26 May.

Monty will speak about pain in Parkinson's – he's currently leading the world's largest and most detailed investigation of this – while Emilia will look at novel approaches for treating swallowing problems. Tickets for the lecture, in memory of former journalist Ian Fowler, are available [here](#).

Support our muddy fundraisers

Salford R+D will have a team in the Manchester [Pretty Muddy 5k](#), a muddy obstacle course through Heaton Park raising money for Cancer Research UK.

Oncology Research Nurse Kathryn Fry and Senior Clinical Trials Administrator Kay Goulden have organised a

group entry for the event on Saturday 16 July. Please support our team's fundraising efforts through their [JustGiving page](#).

Could you advise the NIHR RfPB programme?

The North West Research for Patient Benefit (RfPB) Regional Advisory Panel is currently recruiting new members.

RfPB is a regionally based programme, funded by the National Institute for Health Research to support health services and public health research which is of relevance to the NHS. Being a panel member would involve attending the regional advisory panel meetings three times a year. Members are expected to familiarise themselves with all applications for consideration prior to the meeting and participate in discussions during the meeting. Members would be asked to assist in identifying peer reviewers for applications and may be asked to occasionally peer review some applications.

In particular, the NIHR is looking for people with expertise in surgery, cardiology, statistics, nursing, hospital medicine and qualitative methodology but it would also welcome applications from experts outside these areas. See its [website](#) for more details.

New Manchester Regenerative Medicine Network

The new Manchester Regenerative Medicine Network will bring together basic scientists from different disciplines to enhance capacity in regenerative medicine and enable multidisciplinary grant bids. Whitworth Art Gallery will host the official launch on 23 May, 4.30-9.30pm. Register [here](#).

10 years of the NIHR

The National Institute for Health Research reaches its [10th anniversary](#) this year. As part of the celebrations it will be refreshing its OK to Ask campaign with thank you badges, stickers and cards to say thank you to the millions of people who have taken part in healthcare research in the last decade. Materials will be available to order from 22 April and most are free but there is a £15 delivery charge.

Time to recognise our strengths and successes

These award schemes that could recognise and reward your and your colleagues' hard work and dedication are now open for entries:

- [Nursing Times Awards](#) (deadline 29 April)
- [European Society of Intensive Care Medicine Awards](#) (deadline 2 May)
- [EHealth Insider Awards](#) (deadline 2 May)
- [Quality in Care Diabetes Awards](#) (deadline 27 May)
- [HSJ Awards](#) (deadline 3 June)



Governance

HRA Approval update

From 1 April the HRA approvals process was fully rolled out across England for all types of research to provide a single approval for research in the NHS. It will also include amendments to research studies. This process brings together the assessment of governance and legal compliance and the independent REC opinion provided through the UK research ethics service.

If you are experiencing a 'what should I do next' moment, please contact the Research Governance Team via SalfordRD@manchester.ac.uk who will do their best to guide and point you in the right direction or you can visit the HRA website www.hra.nhs.uk for further information.



Engagement

Project brings art and science together

Researchers, scientists, artists, and school students got together on 11 April to celebrate the success of our project to bring art to the world of health research.

R+D's engagement team developed the project to increase awareness of how research improves lives on a

daily basis. Starting last November, researchers from Manchester Collaborative Centre for Inflammation Research (MCCIR), artists Àgata Alcaniz and Dan Birkbeck and Key Stage 4 students from St Ambrose Barlow RC High School, Swinton, have met regularly to look at how visual art can help explain research to the wider community. They also met with patients who explained the effects of their health conditions on their lives.

Four teams - 'Blood and Guts', 'Skin, Science and Sketching', 'Art and Airways' and 'Cancer Killers' - produced a series of posters, one each in a scientific and art format, which explain the wide range of research undertaken by MCCIR and the impact of the research for patients and their families.

The project was also supported by the Wellcome Trust. Some of the work will now be showcased on the Salford Royal site, after which the posters will be available at St Ambrose Barlow and the university. You can see the finished works and more about this on [the R+D website](#).

Expert help from Citizen Scientist

Do you need help recruiting patients and volunteers to trials? Salford's [Citizen Scientist](#) project can offer tailored assistance for your research.

The project gives local people a way to find out about and get involved in health research and has signed up more than 3,000 local people who are interested in taking part in studies. Its latest newsletter is [here](#) or you can find out more on its [website](#).

Information day for kidney patients

Salford Royal is hosting a free IgA nephropathy information day for patients with this renal condition on Saturday 7 May, 10am-4pm. As well as our Dr Patrick Hamilton, the speakers will include American footballer Donald Jones who has IgA nephropathy, local patient representative John Roberts and international expert Prof John Feehally. The day will provide an opportunity to hear more about research, transplants, financial support and other issues of interest to IgA nephropathy patients and their families/carers. You can register [here](#).

Cut-price tickets for anatomy drama

Medicine meets dance and theatre in An Anatomie in Four Quarters by [Clod Ensemble](#) in association with Manchester Camerata at The Lowry, Salford, on 29 and 30 April. This promenade performance is inspired by the historical link between science and theatre, the practice of dissection and how dance can help us understand the body. Full price tickets are £15 but they are available for £11 for medical staff and students using the code special11rate at the box office in advance or using [this link](#).



Funding

Integrated Clinical Academic Programme

The Health Education England (HEE) and NIHR Integrated Clinical Academic (ICA) Programme provides personal research training awards for healthcare professionals (excluding doctors and dentists) who want to develop careers that combine clinical research and research leadership with continued clinical practice and clinical development.

The Personal Research Training Awards within the ICA programme are:

- Clinical Doctoral Research Fellowships: Doctoral level scheme (closing date 19 May)
- Clinical Lectureships: Early post-doctoral scheme (closing date 28 April)
- Senior Clinical Lectureships: Senior pre-chair post-doctoral scheme (closing date 28 April)

Further information is available on the [ICA website](#).



Training

Infoshots 4: Developing a search strategy

The Trust library is running a training session providing you with the skills to develop an effective search strategy - essential to searching the healthcare databases effectively. The session also includes a practical element where you can conduct a short search using the NICE Evidence search website.

The session is open at all Trust staff and students and takes place on Friday 20 May in the Trust Library. Sessions last 30 minutes and run from noon-12.30 and 12.30-1pm. To book your place via Moodle, please click [here](#).

For further information or to arrange an alternative time/location for the training please contact Outreach Librarian, [Jane Roberts](#) on 0161 206 8411.



Events

[Ageing and frailty: Game changers for our health and care services.](#) Professor David Oliver, President of the British Geriatrics Society, will give the Manchester Institute for Collaborative Research on Ageing's annual public lecture on 11 May, 6.30-8pm, at University Place, The University of Manchester.

[R+D Forum Conference.](#) This year's annual forum held in association with the Health Research Authority takes place on 23 and 24 May in Stratford-on-Avon. Salford R+D's PPI Coordinator Philip Hammond and Communications Officer Claire Mooney will be there to lead a training session on using social media to promote research.

[World Research Congress of the European Association for Palliative Care.](#) This conference will include sessions on optimum methodology in cancer pain studies and mortality followback surveys in end of life care research, among others. It's from 9-11 June in Dublin.

[European Association for the Study of Diabetes Eye Complications Study Group.](#) This group's 26th annual meeting runs from 23-25 June in Manchester.

[Patient Safety Congress and Awards.](#) The ninth Patient Safety Congress is at Manchester Central on 5 and 6 July.

[24th Biennial European Association for Cancer Research Congress.](#) Europe's largest dedicated conference on basic and translational research runs from 9-12 July at Manchester Central.

[UK Clinical Research Facilities Network Conference.](#) This event will support the CRF community to innovate and maximise the impact and contribution made by them to experimental medicine in all disease areas. It will focus on precision medicine and how research facilities and their infrastructure support this. It's on 11 and 12 July at the Royal Northern College of Music, Manchester. It's using the Twitter hashtag [#crfconf16](#).

[Health Services Research UK Symposium.](#) HSRUK is the collective voice for health services research in policy and practice. Its ninth annual event takes place on 13 and 14 July at Nottingham Conference Centre.

[EFMC International Symposium on Medicinal Chemistry.](#) This conference will cover drug discovery advances in major therapeutic areas, including the treatment of pain, central nervous system disorders, anti-infectives, ophthalmology, cardiovascular diseases and oncology. It runs from 28 August-1 September at Manchester Central Convention Complex.

[Health and Care Innovation Expo 2016.](#) Speakers at this NHS England event at Manchester Central on 7 and 8 September include Simon Stevens, Prof Robert Wachter, Matthew Syed, Prof Sir Bruce Keogh, Jane Cummings, Cally Palmer CBE and Dame Fiona Caldicott.

[Let's Talk Research.](#) NHS R+D North West's annual conference is at the Royal Northern College of Music, Manchester, on 15 and 16 September. This year's theme is edge walking, exploring novel approaches to research, development and innovation. The deadline for abstracts is 29 April.

[Congress of the European Society of Contact Dermatitis.](#) This will start with a presymposium on occupational skin disease organised with the Centre for Occupational and Environmental Health of The University of Manchester on 14 September. The meeting programme from 15-17 September will reflect areas of current scientific and clinical interest on all aspects of contact dermatitis and allergic skin disease. It takes place at Manchester Central Conference Centre.

[International Technology Enabled Care Conference.](#) The theme for this conference will be Connected Care, Connected Homes and Connected Communities. It's on 18 and 19 October at the International Convention Centre, Birmingham.

[International Severe Asthma Forum](#). The 3rd ISAF will bring together scientists and clinicians for a meeting dedicated to all aspects of severe asthma. It runs from 17-19 November at Hilton Manchester Deansgate.



Staff Updates

Congratulations to...

- Pharmacists Selwa Elrouby and Steve Gillibrand, who had their research projects selected for presentation at the [Health Services Research and Pharmacy Practice Conference](#). Both completed their research at Salford Royal as part of their Masters degrees at The University of Manchester. Steve presented 'Optimising pharmaceutical care - front-loading pharmacy clinical services onto an acute medical unit' with Selwa speaking on 'A qualitative study using the Behaviour Change Wheel to identify interventions to improve the provision of information on medication changes at discharge.'
- Mattias Soop, who with Stefan Holubar has contributed a chapter on medical management of chronic ulcerative colitis to [The ASCRS Textbook of Colon and Rectal Surgery](#), published by Springer.
- Valerie Haigh, who retired on 8 April after nearly 20 years managing Salford Royal's library service. The library offers a great deal of support to researchers and also puts on very helpful Infoshot training sessions to help you use its resources. We send Valerie our thanks and best wishes for the future.

Vacancies

- [Senior Research Nurse \(osteoarthritis\)](#) – Band 6 (Closing date 26 April).
- [Senior Research Fellow \(renal\)](#) – internal applicants only – SCF grade (Closing date 24 April).
- [Senior Clinical Fellow \(neurosurgery\)](#) – SCF grade (Closing date 5 May).
- [Clinical Trials Administrator](#)- Band 3 (Closing date 27 April).
- [Chief Operating Officer GMAHSN](#) – VSM (Closing date 3 May).

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



Publications

Journals, articles, newsletters and blogs

- The Royal College of Nursing, which this year celebrates its 100th anniversary, publishes a fortnightly email bulletin on research and innovation. Sign up [here](#).
- Qasim Akram, Michael Hughes, Subhasis Basu: [A case of severe knee enthesitis on MRI as an initial presentation of enteropathic arthritis](#) (Indian Journal of Rheumatology).
- Tauseef Gulrez, Samia Neftimeziani, Phil McEvoy, Anthony Hodgson: [Loneliness kills: Can autonomous systems and robotics assist in providing solutions?](#) (International Journal of Swarm Intelligence and Evolutionary Computation).
- Nadia Aldoori, Kathy Dobson, Catherine Holden, Andrew McDonagh, Matthew Harries, Andrew Messenger: [Frontal fibrosing alopecia – possible association with leave-on facial skin care products and sunscreens: A questionnaire study](#) (British Journal of Dermatology).
- Francesco Rainone, Sayyid Raza, James Ritchie, Lino Merlino, Helen Alderson, Diana Chiu, Mark Guy, Magda Marcatti, Philip Kalra: [Associations between initial presentation of multiple myeloma and renal function: The experience of two European centres](#) (Journal of Hematology).
- Joseph Ghaemi, Mohammed Wasimi, Rekha Siripurapu, David McKee, Piyali Pal, Daniel Du Plessis, Scott Rutherford, Roger Laitt, Gillian Potter: [Calcifying pseudoneoplasm of the neuraxis \(CaPNoN\): An unusual cause of third nerve palsy in a teenager](#) (BJR Case Reports).
- Alberto Ortiz, Ademola Abiose, Ana Jovanovic, David Warnock, et al: [Time to treatment benefit for adult patients with Fabry disease receiving agalsidase \$\beta\$: Data from the Fabry Registry](#) (Journal of Medical Genetics).
- Martin Rutter, Karen Kane, Mark Lunt, Lis Cordingley, Alison Littlewood, Helen Young, Carolyn Chew-Graham, Rachel Hilton, Deborah Symmons, Christopher Griffiths: [Primary care based screening for](#)

[cardiovascular risk factors in patients with psoriasis](#) (British Journal of Dermatology).

- Laura Eaton, Rebecca Dearman, Ian Kimber, Christopher Griffiths: [Interleukin-17 and interleukin-23 regulate Langerhans' cell migration](#) (British Journal of Dermatology).
- Joanna Hudson, Christine Bundy, Peter Coventry, Chris Dickens, Alex Wood, David Reeves: [What are the combined effects of negative emotions and illness cognitions on self-care in people with type 2 diabetes? A longitudinal structural equation model](#) (Psychology and Health).
- Matthew Harries, Sharon Wong, Paul Farrant: [Frontal fibrosing alopecia and increased scalp sweating: Is neurogenic inflammation the common link?](#) (Skin Appendage Disorders).
- David Cohen, Christine Roffe, Jessica Beavan, Brenda Blackett, Shaheen Hamdy, Craig Smith, Philip Bath, et al: [Post-stroke dysphagia: A review and design considerations for future trials](#) (International Journal of Stroke).
- Abigail Langton, Poonam Halai, Christopher Griffiths, Michael Sherratt, Rachel Watson: [The impact of intrinsic ageing on the protein composition of the dermal-epidermal junction](#) (Mechanisms of Ageing and Development).
- Rukhtam Saqib, Lennard Funk, Jonathan Harris: [Humeral avulsion of glenohumeral ligaments – detection on magnetic resonance arthrography](#) (Journal of Arthroscopy and Joint Surgery).
- Benjamin Davies, Ross Atkinson, Francesca Ludwinski, Anthony Freemont, Judith Hoyland, Kanna Gnanalingham: [Qualitative grading of disc degeneration by magnetic resonance in the lumbar and cervical spine: Lack of correlation with histology in surgical cases](#) (British Journal of Neurosurgery).
- Qasim Akram, Mark Roberts, Chester Oddis, Ariane Herrick, Hector Chinoy: [Rituximab-induced neutropenia in a patient with inflammatory myopathy and systemic sclerosis overlap disease](#) (Reumatologia).
- Sharfaraz Salam, Timothy Lavin, Ayse Turan: [Limbic encephalitis following immunotherapy against metastatic malignant melanoma](#) (BMJ Case Reports).
- Vincent Brandenburg, Pieter Evenepoel, Smeeta Sinha, Mario Cozzolino, et al on behalf of ERA-EDTA Working Group on CKD-MBD and EUCALNET: [Lack of evidence does not justify neglect: How can we address unmet medical needs in calciphylaxis?](#) (Nephrology Dialysis Transplantation).
- Michael Hughes, Qasim Akram, David Rees, Anthony Jones: [Haemoglobinopathies and the rheumatologist](#) (Rheumatology).
- Samantha Haycocks, Joanne McCardle, Andrew Findlow, Karl Guttormsen: [Evaluating the effect of a haemoglobin spray on size reduction in chronic DFUs](#) (British Journal of Nursing).
- Ian Warnell, Mahindra Chincholkar, Martin Eccles: [Predicting perioperative mortality after oesophagectomy: A systematic review of performance and methods of multivariate models](#) (Survey of Anesthesiology).
- Benjamin Davies, Anna Jones, Hiren Patel: [Implementation of a care bundle and evaluation of risk factors for surgical site infection in cranial neurosurgery](#) (Clinical Neurology and Neurosurgery).
- James Ritchie, Darren Green, Helen Alderson, Constantina Chrysochou, Diana Vassallo, Smeeta Sinha, Philip Kalra: [Associations of antiplatelet therapy and beta blockade with patient outcomes in atherosclerotic renovascular disease](#) (Journal of American Society of Hypertension).
- Sumithra Giritharan, Kanna Gnanalingham, Tara Kearney: [Pituitary apoplexy – bespoke patient management allows good clinical outcome](#) (Clinical Endocrinology).
- Andrew Gait, Richard Hodgson, Matthew Parkes, Charles Hutchinson, Terence O'Neill, Nasimah Maricar, Elizabeth Marjanovic, Timothy Cootes, David Felson: [Synovial volume vs synovial measurements from dynamic contrast enhanced MRI as measures of response in osteoarthritis](#) (Osteoarthritis and Cartilage).
- Charlotte Mahoney, Anthony Smith, Andy Marshall, Fiona Reid: [Pelvic floor dysfunction and sensory impairment: Current evidence](#) (Neurourology and Urodynamics).
- Mahdi Khalfaoui: [Crystal arthropathy of the prosthetic joint](#) (Journal of Osteoarthritis).
- Isabel Lavers: [Rosacea: Clinical features and treatment](#) (Nursing Standard).
- Roya Behrouzi, Xiawei Liu, Dongyue Wu, Andrew Robinson, Sara Rollinson, John Ealing, Anna Richardson, Matthew Jones, Stuart Pickering-Brown, Yvonne Davidson, Julie Snowden, David Mann, et al: [Pathological tau deposition in motor neurone disease and frontotemporal lobar degeneration associated with TDP-43 proteinopathy](#) (Acta Neuropathologica Communications).

- Kerry Greenan, Diana Vassallo, Rajkumar Chinnadurai, James Ritchie, Kate Shepherd, Darren Green, Arvind Ponnusamy, Smeeta Sinha: [Respiratory manifestations of ANCA-associated vasculitis](#) (Clinical Respiratory Journal).
- Sacha Gandhi, Helen Murphy, Mark Kellett, Rekha Siripurapu, Christopher Kobylecki: [Novel PTEN mutation with leukoencephalopathy, basal ganglia calcification and action tremor](#) (Parkinsonism and Related Disorders).
- Tessa Hanley, Marc Handford, Dawn Lavery, Zenas Yiu: [Assessment and monitoring of biologic drug adverse events in patients with psoriasis](#) (Psoriasis: Targets and Therapy).
- Jin Magara, Emilia Michou, Alicja Raginis-Zborowska, Makoto Inoue, Shaheen Hamdy: [Exploring the effects of synchronous pharyngeal electrical stimulation with swallowing carbonated water on cortical excitability in the human pharyngeal motor system](#) (Neurogastroenterology and Motility).
- Lyndsay Pearce, Katy Newton, Stella Smith, Paul Barrow, Jennifer Smith, Laura Hancock, Cliona Kirwan, James Hill: [Multicentre observational study of outcomes after drainage of acute perianal abscess](#) (British Journal of Surgery).
- Benjamin Davies, Hiren Patel: [Does chlorhexidine and povidone-iodine preoperative antiseptics reduce surgical site infection in cranial neurosurgery?](#) (RCS Annals).
- Graham Heap, Kenji So, Simon Lal, Tariq Ahmad, et al: [Clinical features and HLA association of 5-Aminosalicylate \(5-ASA\)-induced nephrotoxicity in inflammatory bowel disease](#) (Journal of Crohn's and Colitis).
- Rainer Wirth, Rainer Dziewas, Shaheen Hamdy, Dorothee Volkert, et al: [Oropharyngeal dysphagia in older persons - from pathophysiology to adequate intervention: a review and summary of an international expert meeting](#) (Clinical Interventions in Aging).
- Mark Livingston, K Birch, Mark Guy, John Kane, Adrian Heald: [No role for tri-iodothyronine \(T3\) testing in the assessment of levothyroxine \(T4\) over-replacement in hypothyroid patients](#) (British Journal of Biomedical Science).
- Christian Hendriksz, Joseph Muenzer, Barbara Burton, Luying Pan, Nan Wang, Hicham Naimy, Arian Pano, Ann Barbier: [A cerebrospinal fluid collection study in pediatric and adult patients with hunter syndrome](#) (Journal of Inborn Errors of Metabolism and Screening).
- Thilini Abeygunaratne, Ariane Herrick, Hector Chinoy, Evin Sowden, Jamil Choudhury, Smeeta Sinha: [Simple tool in a complex case: Use of the nailfold capillaroscopy](#) (Kidney International).
- Matthew Bailey, Martin McCabe, Piyali Pal, Erjon Agushi, Konstantina Karabatsou: [Cervical epidural extra-osseous Ewing sarcoma mimicking an epidural abscess](#) (British Journal of Neurosurgery).
- Antony Payton, Paulina Sindrewicz, Veridiana Pessoa, Hazel Platt, Michael Horan, William Ollier, Vivien Bubb, Neil Pendleton, John Quinn: [A TOMM40 poly-T variant modulates gene expression and is associated with vocabulary ability and decline in nonpathologic aging](#) (Neurobiology of Aging).
- Zenas Yiu, Vishal Madan, Christopher Griffiths: [Acne conglobata and adalimumab: use of tumour necrosis factor-alpha antagonists in treatment-resistant acne conglobata, and review of the literature](#) (Clinical and Experimental Dermatology).
- James Tollitt, Edmond O'Riordan, Dimitrios Poulidakos: [CMV disease complicating induction immunosuppressive treatment for ANCA-associated vasculitis](#) (BMJ Case Reports).
- J Brent, David Guzman, Catherine Bangs, Bodo Grimbacher, Hana Alachkar, Matthew Helbert, Peter Arkwright, et al: [Clinical and laboratory correlates of lung disease and cancer in adults with idiopathic hypogammaglobulinaemia](#) (Clinical and Experimental Immunology).
- Motie Raslan, Kenneth Hiew, Alex Hoyle, David Ross, Christopher Betts, Satish Maddineni: [Surgical management of stuttering ischemic priapism: A case report and concise clinical review](#) (Urology Case Reports).
- Adrian Parry-Jones, Lizz Paley, Benjamin Bray, Alex Hoffman, Martin James, Geoffrey Cloud, Pippa Tyrrell, Anthony Rudd, SSNAP Collaborative Group: [Care-limiting decisions in acute stroke and association with survival: Analyses of UK national quality register data](#) (International Journal of Stroke).
- Matthew Harries, Antonella Tosti, Wilma Bergfeld, Ulrike Blume-Peytavi, Ralf Paus, et al: [Towards a consensus on how to diagnose and quantify female pattern hair loss - The 'Female Pattern Hair Loss Severity Index \(FPHL-SI\)'](#) (Journal of the European Academy of Dermatology and Venereology).

- Alastair Faulkner, Mike Reidy, Gabrielle Scicluna, Gavin Love, Judith Joss: [Blood tests: One too many? Evaluating blood requesting guidance developed for acute patients admitted to trauma and orthopaedic units](#) (Injury).
- Diana Chiu, Nik Abidin, Laura Johnstone, M Chong, Vaidehi Kataria, Janet Sewell, Smeeta Sinha, Philip Kalra, Darren Green: [Novel approach to cardiovascular outcome prediction in haemodialysis patients](#) (American Journal of Nephrology).
- Daniel Fountain, Angelos Koliass, Fiona Lecky, Omar Bouamra, Thomas Lawrence, Hadie Adams, Simon Bond, Peter Hutchinson: [Survival trends after surgery for acute subdural hematoma in adults over a 20-year period](#) (Annals of Surgery).
- Martin Marziniak, Karima Ghorab, Wojciech Kozubski, Claudia Pflieger, Livia Sousa, Karen Vernon, Mauro Zaffaroni, Sven Meuth: [Variations in multiple sclerosis practice within Europe – is it time for a new treatment guideline?](#) (Multiple Sclerosis and Related Disorders).

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

How to submit articles

R+D Bulletin is published on the third Wednesday of each month. Please submit articles to claire.mooney@manchester.ac.uk by close of play on the preceding Monday.

An archive of previous editions is available online at www.salfordresearch.org.uk.