

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



@SalfordRD



News

International Clinical Trials Day a big success

Many thanks to our dedicated and energetic research nurses who made this year's International Clinical Trials Day a huge success in Salford.

Led by Acting Senior Clinical Research Nurse Manager Vikki O'Loughlin, they staffed an information stall in Hope Building and also toured the Salford Royal site with our new R+D mascot, Robbie the research roadster. This converted notes trolley proved a fun way to take the message about how research improves healthcare to the different teams working around the site. He has his own Twitter feed [@RDRoadster](#) if you want to know more!

We also supported the National Institute for Health Research's campaign to mark its 10th anniversary by saying thank you to everyone who has taken part in research and Vikki and PPI Coordinator Philip Hammond tweeted dozens of photos of staff with a thank you message. You can see some of them collected together [here](#).

Last chance to book for lecture on ageing

Next Monday brings a chance to hear all about the future of ageing and current research into this important area when Neil Pendleton gives our eighth Professorial Lecture.

Professor 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 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](#).

Super six tackle mud challenge for cancer research

R+D staff are offering mud and sweat – but hopefully not tears - to help find new ways to prevent and treat cancer.

A six-strong team will take part 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 came up with the idea and roped in colleagues Jess Zadik, Diane Lomas, Vicky Thomas and Amy Barratt for the event on Saturday 16 July.

Kathryn said: “As an oncology research nurse, I see what a huge impact a diagnosis of cancer, and having treatment for cancer, can have on patients and their families. But I also get to see new treatments being given - treatments that initially are only available to patients as part of a trial, but then in time become available for all patients. This is why I am running the Race for Life: so Cancer Research UK can fund more research, which will improve lives and outcomes for people living with cancer.”

The team is hoping to raise at least £250 for the charity and has a JustGiving page at www.justgiving.com/team/salford-r-and-d or search under the individual members’ names.

Fresh look for Research for the Future

Research for the Future (RfF) is a NIHR: CRN Greater Manchester initiative to encourage people in and around Greater Manchester to get more involved with local health research. In partnership with North West EHealth and Salford Royal NHS Foundation Trust which hosts the campaign, the project aims to help researchers recruit to time and target.

Research for the Future consists of a series of ‘Help BEAT’ campaigns. Current campaigns are Help BEAT Diabetes, Help BEAT Heart Disease and Help BEAT Respiratory Disease. Anyone over the age of 18 with one or more of these conditions is welcome to join.

Joining Research for the Future means people receive information about research studies taking place locally and how to get involved. There are lots of opportunities from filling in simple questionnaires to taking part in trials of new treatments.

Find out more about the Help BEAT campaigns and sign up online at the project’s new website www.researchforthefuture.org, follow @Research_Future on Twitter or call the team on 0161 212 5574.

Talking therapies for Salford patients with chronic pain

Salford residents with chronic widespread pain (CWP) and fibromyalgia can now access individually tailored programmes of talking therapy through [Six Degrees](#). The new, flexible pain pathway will be implemented and evaluated by the [NIHR CLAHRC Greater Manchester](#).

It aims to improve care for these patients by offering access to phone-delivered talking therapies as part of the management of chronic musculoskeletal pain and is based on a [successful trial](#) which demonstrated that a short course of phone-administered cognitive behavioural therapy is effective in improving and sustaining the health of patients over 24 months. The service involves seven sessions of phone-delivered therapy followed by booster sessions at three and six months.

Referrals can be made by sending a referral form to sixdegrees@nhs.net with the subject heading 'CWP/fibromyalgia'. For more information contact Six Degrees on 0161 212 4981 or sixdegrees@nhs.net.

Psoriasis Shout Out puts spotlight on skin condition

Skin experts will team up with patient ambassadors, dancers and comedians to raise awareness of the inflammatory condition psoriasis this summer.

Professor Chris Griffiths, a Consultant Dermatologist at Salford Royal and Director of the Manchester Centre for Dermatology Research, leads the Psoriasis Shout Out®, a series of special events to get people talking about this often overlooked chronic condition. Comedian Toby Hadoke and patient ambassador Rebecca Derwent-Black will join Professor Griffiths and colleagues from the dermatology department at Salford Royal on Wednesday 22 June for a roadshow.

The roadshow, next to Central Car Park at Salford Royal from 9am-5pm, will offer a chance to hear from experts from Salford Royal, The University of Manchester and the Psoriasis Association (2-3.30pm) and to try out mindfulness (1.15-1.50pm) and Bhangracise – a fun way to dance and keep fit (12.30-1.10pm). There will also be a special session advising psoriasis patients on how to get the most out of consultations with their GP (3.30-4pm).

You don’t have to book to attend any of the events but if you want more information, you can follow

[@PsoShoutOut](#) on Twitter or see the website www.psoriasisshoutout.co.uk.

Have your say on suicide prevention plan

The Salford Suicide Prevention Partnership Board is steering the development of a suicide prevention strategy for Salford. The board, whose members come from Salford City Council, Salford Clinical Commissioning Group, Greater Manchester West NHS Mental Health Foundation Trust, Greater Manchester Police, HMP Forrest Bank and Six Degrees, is asking staff in related organisations to give their views through [this survey](#) by 30 June.

Are you up to speed with 100,000 genomes?

The 100,000 genome project will sequence 100,000 genomes from around 70,000 people. Participants are NHS patients with a rare disease, plus their families, and patients with cancer. The aim is to create a new genomic medicine service for the NHS – transforming the way people are cared for. Patients may be offered a diagnosis where there wasn't one before. In time, there is the potential of new and more effective treatments.

[This survey](#) asks specialists 10 quick questions about their awareness of the project. The organisers are particularly looking for responses from cardiologists, endocrinologists, neurologists, oncologists, haematologists, GPs, paediatricians, ophthalmologists, surgeons and dermatologists.

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:

- [Guardian Public Service Awards](#) (deadline 8 July)
- [QuDoS in MS Awards](#) (deadline 12 September)

The annual [Salford Royal Staff Awards](#) will open for nominations soon – please check the intranet and staff newsletter SiREN for more details.



Governance

NIHR: Clinical Research Network study support service

For any study that is eligible or applying for Network support, whether commercially or non-commercially sponsored, The Clinical Research Network offers a range of services across the research pathway. Advisors can help in areas such as study feasibility, regulatory approvals, assistance with site identification, costings, set up and delivery to time and target.

To find out more about the service visit the [CRN website](#) or for further information or guidance email StudySupport.CRNGreaterManchester@nih.ac.uk



Engagement

New look for Citizen Scientist

Over the last few months there have been some changes within Salford's pioneering Citizen Scientist project, which links local people with research that could be of interest to them.

Its monthly emailed [Bulletin](#), [Facebook](#) page and [Twitter](#) account have been revamped and there will be further changes to its [website](#) later this year. Please follow Citizen Scientist through its social media channels for updates.

The project can help to recruit participants for your study, spreading the message to both patients and healthy volunteers. More than 3,000 people have registered with the project to say they are interested in taking part in research.

James Lind Alliance Priority Setting Partnership on primary care patient safety

Do you use or provide primary healthcare services (such as a GP, community nurse, pharmacist or dentist)? Are you interested in patient safety? Do you want to have your say?

If so, the NIHR Greater Manchester Primary Care Patient Safety Translational Research Centre and James Lind Alliance invite you to take part in a new research project which will gather and prioritise 'unanswered' questions about patient safety in primary care.

Taking part is simple: all you need to do is complete a short online questionnaire – see more [here](#).

Innovative solutions in public involvement in research

The NIHR Research Design Service North West (RDS NW) is holding a one day event to explore and share innovative and effective ways of involving members of the public in health and social care research.

The event, on 6 September, is for researchers and members of the public who are involved in health research in the North West. It is free to all and will help participants gain a broader understanding of:

- Opportunities for public involvement at the different stages of the research process
- The challenges in public involvement in health research and ways to overcome these
- Innovative ways of designing meaningful public involvement in research.

It runs from 9.30am-3.30pm in Manchester - to register and for more details [visit the event website](#).



Funding

NIHR Fellowships webinar

The National Institute for Health Research (NIHR) will be hosting a live one hour webinar about the NIHR Fellowship Programme on Thursday 16 June at 11am, ahead of the launch of round 10 of the programme later in the year.

It is aimed at clinicians, allied health professionals and health researchers who wish to learn more about personal training awards and will include:

- An overview of the NIHR Fellowship programmes and eligibility requirements
- A guide to the scope of research projects that are suitable for Fellowship schemes
- An overview of the support offered by the NIHR RDS
- Things to consider before applying for an NIHR Fellowship and designing a research project

If you want to send a question in advance, email tcc@nihr.ac.uk with the subject Fellowship Programme webinar question. You can register for the webinar [here](#).

Innovation workshop

The Manchester Molecular Pathology Innovation Centre (MMPathIC) is hosting a workshop to bring together clinicians, biologists, engineers and physical scientists to look at inter-disciplinary working by sharing expertise and experiences. It takes place on 7 July, noon-5pm, at Chancellors, Manchester.

MMPathIC is co-funded by the EPSRC and MRC and aims to facilitate the introduction of new tests from discovery of markers, through implementation and validation to the clinic and market. This workshop will also provide further details on the flexible funding available to pump-prime novel interdisciplinary projects.

To register, visit the [Eventbrite listing](#) or for more information contact [Dr Katherine Boylan](#).

New innovation funds from AHSN

Greater Manchester Academic Health Science Network (GM AHSN) has announced three new innovation funds for small and medium-sized enterprises, academics and NHS innovators.

The AHSN has supported over 200 local SMEs through the Innovation Nexus (delivered by TRUSTECH) over the past 18 months and these new innovation funds have been developed with consideration for the

challenges of bringing a new product or service to the healthcare market. They will support the introduction and adoption of needs-led, evidence-based innovations into the healthcare system within the GM AHSN footprint.

- [Ignite Fund](#) is intended to support clinicians and academics working to develop solutions to unmet healthcare needs. It will be open for applications later in the year.
- [Energise Fund](#) is designed to support clinicians, academics and companies develop proof of concept or prototyping projects for a defined clinical application.
- [Momentum Fund](#) will provide funding support to help SMEs with innovative products or services accelerate progress to significant milestones.

The deadline for applications to the Energise and Momentum funds is 9am on 27 June.



Training

Better trials make better surgeons

The North West Surgical Trials Centre (NWSTC) is holding a free [‘Better trials make better surgeons’](#) workshop on 17 June in Warrington.

Speakers include Professor Jane Blazeby who, as well as being Professor of Surgery and RCS Surgical Speciality Lead, is also the Director of the Surgical Trials Centre in Bristol. She will be giving a talk on using pilot and feasibility studies to optimise surgical trial design. Professor of Orthopaedic Surgery Amar Rangan and Consultant Urological Surgeon Grant Stewart will also speak.

For more details or to book a place, email [Tony Coffey](#) or call 0151 794 8974.

Shedding light on HRA approval process

The Health Research Authority has introduced new eLearning courses on its Learning Management System. These include two complementary courses outlining the HRA Approval processes for commercial and non-commercial sponsors. They cover applying for HRA Approval and setting up studies in the NHS in England including details of new HRA Approval arrangements for amendments and new sites.

Another new course, Reviewing the Research Design of Clinical Trials, provides an overview of the different types of clinical design and techniques used in ethical review of the research design of clinical trials. These modules are available with open access as a ‘guest user’ [here](#). Contact the [HRA Training team](#) for more information.



Events

[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. It also includes the [NICE Forum 2016](#), where translating innovation to implementation will be among the key topics.

[iLINKS Innovations](#). This conference will look at integrated EPR, community and hospital based digital services, among others. It’s on 7 July at Aintree Racecourse, Liverpool.

[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.

[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.

[Clinical Trials at The Christie](#). This education day for non-clinical scientists is on 10 September, 9am-5pm, at The Christie School of Oncology, Manchester.

[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. Speakers include Prof Caroline Watkins, Director of Research and Innovation at UCLan, Penny Clough MBE, Prof Ged Byrne, Director of Education and Quality at HEE North and Prof Sally Spencer from Edgehill University.

[Congress of the European Society of Contact Dermatitis](#). This will start with a pre-symposium 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.

[Urgent and Emergency Care: Safer, Better, Faster](#). Speakers at this conference include Rick Stern from the Primary Care Foundation, Andrew Snell from Leeds Institute of Health Sciences and Prof Keith Willett, NHS England's Director for Acute Care. It's on 29 September at Manchester 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.

[DigiHealthUK: Transforming Healthcare Delivery](#). This conference will focus on how health services can bridge the gap between the current pressures on the system and the plans for the NHS to become a world leader in the development and use of technology in health and social care. It's on 20 October at Manchester Conference Centre.

[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...

- Dr Nasimah Maricar, who has been awarded a PhD in Medicine from The University of Manchester following successful completion of her NIHR Clinical Doctoral Fellowship on Predicting Response to Intra-articular Steroid Therapy in Symptomatic Knee Osteoarthritis.
- Dr Darren Green and Professor Phil Kalra who have contributed a chapter on cardiorenal syndrome to the [Oxford Textbook of Medicine Cardiovascular Disorders](#), edited by David Warrell, Timothy Cox, John Firth and Jeremy Dwight and published by Oxford University Press.

Vacancies

- [Senior Research Nurse \(Renal, Diabetes, Cardiology\)](#) – Band 6 (closing date 16 June)
- [Senior Research Nurse \(Core Clinical Research Team\)](#) – Band 6 (closing date 22 June)
- [Neurology/Neuro Degenerative Research Nurse Manager](#) – Band 7 (closing date 3 July)

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



Publications

Journals, articles, newsletters and blogs

- New digital magazine The Researcher, created by health research professionals, launches this month. The first edition, Breaking Boundaries, will be available on Health Education England's website from 30 June.
- The latest Bulletin from MAHSC is available [here](#).
- Oluwaseun Sobowale, Adrian Parry-Jones, Craig Smith, Pippa Tyrrell, Nancy Rothwell, Stuart Allan: [Interleukin 1 in stroke: From bench to bedside](#) (Stroke).
- Craig Smith, Maria Horne, Giles McCracken, David Young, Ian Clements, Sharon Hulme, Claire Ardron, Shaheen Hamdy, Andy Vail, Angus Walls, Pippa Tyrrell: [Development and feasibility testing of an oral hygiene intervention for stroke unit care](#) (Gerodontology).
- Steven Kemp, Jack Garlovsky, Hazel Reynders, Helen Caswell, Gus Baker, Emily Shah: [Predicting the psychosocial outcome of epilepsy surgery: A longitudinal perspective on the 'burden of normality'](#) (Epilepsy and Behavior).
- Marion Kerr, Beverley Matthews, James Medcalf, Donal O'Donoghue: [End-of-life care for people with chronic kidney disease: Cause of death, place of death and hospital costs](#) (Nephrology Dialysis Transplantation).
- Gareth Hardy, Daniel Horner: [Should real resuscitationists use airway checklists?](#) (Emergency Medicine Journal).
- Tiago Matos, Tsui Ling, Vaneeta Sheth: [Ultraviolet B radiation therapy for psoriasis: Pursuing the optimal regime](#) (Clinics in Dermatology).
- Mark Farrar: [Advanced glycation end-products in skin ageing and photoageing: What are the implications for epidermal function?](#) (Experimental Dermatology).
- Amit Kishore, Andy Vail, Benjamin Bray, Angel Chomorro, Anthony Rudd, Pippa Tyrrell, Craig Smith, et al: [Clinical risk scores for predicting stroke-associated pneumonia: A systematic review](#) (European Stroke Journal).
- Jennifer Harris, Matthew Jones, Claire Gall, Anna Richardson, David Neary, Daniel Du Plessis, Piyali Pal, David Mann, Julie Snowden, Jennifer Thompson: [Co-occurrence of language and behavioural change in frontotemporal lobar degeneration](#) (Dementia and Geriatric Cognitive Disorders).
- James Ritchie, Darren Green, Tina Chrysochou, Janet Hegarty, Julian Wright, Ludwig Neyses, Nicholas Chalmers, Philip Kalra, et al: [Effect of renal artery revascularization upon cardiac structure and function in atherosclerotic renal artery stenosis: Cardiac magnetic resonance sub-study of the ASTRAL trial](#) (Nephrology Dialysis Transplantation).
- Derek Robinson, Elaine Dennison, Cyrus Cooper, Tjeerd van Staa, William Dixon: [A review of the methods used to define glucocorticoid exposure and risk attribution when investigating the risk of fracture in a rheumatoid arthritis population](#) (Bone).
- Francisco Jimenez, Matthew Harries, Enrique Poblet: [Frontal fibrosing alopecia: A disease fascinating for the researcher, disappointing for the clinician and distressing for the patient](#) (Experimental Dermatology).
- Florent Letronne, Geoffroy Laumet, Anne-Marie Ayrat, David Mann, Jean-Charles Lambert, et al: [ADAM30 downregulates APP-linked defects through cathepsin D activation in Alzheimer's disease](#) (EBioMedicine).

- Guirish Solanki, Peter Sun, Kenneth Martin, Christian Hendriksz, Christina Lampe, Nathalie Guffon, Annie Hung, Zlatko Sisic, Renee Shediak, Paul Harmatz: [Cervical cord compression in mucopolysaccharidosis VI \(MPS VI\): Finding from the MPS VI Clinical Surveillance Program \(CSP\)](#) (Molecular Genetics and Metabolism).
- Jenny Fox, Tim Pattison, Jane Wallace, Shipra Pradhan, Olivier Gaillemin, Emily Feilding, Louise Butler, Arturo Vilches-Moraga: [Geriatricians at the front door: The value of early comprehensive geriatric assessment in the emergency department](#) (European Geriatric Medicine).
- Diana Vassallo, Darren Green, James Ritchie, Tina Chrysochou, J Blunt, Philip Kalra: [Three decades of atherosclerotic renovascular disease management – changing outcomes in an observational study](#) (Kidney and Blood Pressure Research).
- Nicholas Heywood, Michael Gill, Natasha Charlwood, Rachel Brindle, Cliona Kirwan: [Improving accuracy of clinical coding in surgery: Collaboration is key](#) (Journal of Surgical Research).
- Jennifer Summers, Janet Peacock, Bolaji Coker, Viktoria McMillan, Mercy Ofuya, Cornelius Lewis, Stephen Keevil, Robert Logan, John McLaughlin, Fiona Reid: [Multicentre prospective survey of SeHCAT provision and practice in the UK](#) (BMJ Open Gastroenterology).
- Mark Farrar, Zulf Mughal, Judith Adams, Jack Wilkinson, Jacqueline Berry, Lisa Edwards, Richard Kift, Elizabeth Marjanovic, Andy Vail, Ann Webb, Lesley Rhodes: [Sun exposure behaviour, seasonal vitamin D deficiency and relationship to bone health in adolescents](#) (Journal of Clinical Endocrinology and Metabolism).
- Sharfaraz Salam, Tatiana Mihalova, Rekha Siripurapu: [Severe tumefactive rebound of multiple sclerosis following fingolimod cessation](#) (BMJ Case Reports).
- Hans Pape, Hagen Andruszkow, Roman Pfeifer, Frank Hildebrand, Bilal Barkatali: [Options and hazards of the early appropriate care protocol for trauma patients with major fractures: Towards safe definitive surgery](#) (Injury).
- Jung Yin Tsang, Tom Blakeman, Janet Hegarty, John Humphreys, Gill Harvey: [Understanding the implementation of interventions to improve the management of chronic kidney disease in primary care: A rapid realist review](#) (Implementation Science).
- Chris Keyworth, Pauline Nelson, Carolyn Chew-Graham, Karen Kane, Christina Pearce, Christopher Griffiths, Anna Chisholm, Lis Cordingley: [Communicating cardiovascular disease risk to people with psoriasis: What techniques do practitioners use?](#) (International Journal of Behavioral Medicine).
- Nicholas James, Matthew Sydes, Noel Clarke, Malcolm Mason, Tony Elliott, Mahesh Parmar, et al: [Addition of docetaxel, zoledronic acid, or both to first-line long-term hormone therapy in prostate cancer \(STAMPEDE\): Survival results from an adaptive, multiarm, multistage, platform randomised controlled trial](#) (Lancet).
- Nicholas Stylianides, Dominic Slade: [Abdominal wall reconstruction](#) (British Journal of Hospital Medicine).
- Matthew Bailey, Martin McCabe, Piyali Pal, Erjon Agushi, Konstantina Karabatsou: [Cervical epidural extra-osseous Ewing sarcoma mimicking an epidural abscess](#) (British Journal of Neurosurgery).
- Kirsty Martin, Cerian Jackson, Robert Levy, Paul Cooper: [Ketogenic diet and other dietary treatments for epilepsy](#) (Cochrane Database of Systematic Reviews).
- Dinesh Khanna, Christopher Denton, Peter Merkel, Thomas Krieg, Franck-Olivier Le Brun, Marina Anderson, Ariane Herrick, Michael Kohen, et al: [Effect of macitentan on the development of new ischemic digital ulcers in patients with systemic sclerosis: Dual-1 and Dual-2 randomized clinical trials](#) (Journal of the American Medical Association).
- Karolina Stepien, Christian Hendriksz: [The principles of the transition process from paediatric to adult services in inborn errors of metabolism-own experience](#) (Developmental Period Medicine).
- Faisal Ali, Yi Zhen Chiang, Vindy Ghura: [Undermining the opposition: Ballistic tips for improving the island pedicle flap](#) (Journal of the American Academy of Dermatology).
- Karolina Stepien, Mark Roberts, Christian Hendriksz: [Very-Long-Chain Acyl-CoA Dehydrogenase](#)

Deficiency-diagnostic difficulties and own experience in multidisciplinary management
(Developmental Period Medicine).

- Karina Lazarewicz, John Brockbank, Hector Chinoy: Pheochromocytoma in association with focal dermatomyositis (Rheumatology).
- Zenas Yiu, Faisal Ali, Christopher Griffiths: Paradoxical exacerbation of chronic plaque psoriasis by sorafenib (Clinical and Experimental Dermatology).
- Ceri Battle, Fiona Lecky, Tom Stacey, Antoinette Edwards, Philip Evans: Management of the anticoagulated trauma patient in the emergency department: A survey of current practice in England and Wales (Emergency Medicine Journal).
- Gareth Hardy, Daniel Horner: BET 2: Should real resuscitationists use airway checklists? (Emergency Medicine Journal).
- Daniel Darbyshire, Morris Gordon, Paul Baker, Damian Bates, Steven Agius: Physicians' practice of dispensing medicines: A qualitative study (Journal of Patient Safety).
- Aysu Okbay, Jonathan Beauchamp, Mark Fontana, James Lee, Tune Pers, Antony Payton, William Ollier, Neil Pendleton, Daniel Benjamin, et al: Genome-wide association study identifies 74 loci associated with educational attainment (Nature).
- Jennifer Jenkins: On the night shift: Advanced nurse practice in emergency medicine (Emergency Nurse).
- Elinor Shuttleworth, Shipra Sharma, Simon Lal, Philip Allan: Medical complications of anorexia nervosa (British Journal of Hospital Medicine).
- Marie Vanier, Paul Gissen, Peter Bauer, Maria Coll, Alberto Burlina, Christian Hendriksz, Philippe Latour, Cyril Goizet, Richard Welford, Thorsten Marquardt, Stefan Kolb: Diagnostic tests for Niemann-Pick disease Type C (NP-C): A critical review (Molecular Genetics and Metabolism).
- Isabel Lavers: Risks and benefits of sunlight exposure: Putting clinical guidance into practice (Journal of Aesthetic Nursing).
- Christopher Denton, Michael Hughes, Nataliya Gak, Josephine Vila, Maya Buch, Kuntal Chkravarty, Ariane Herrick, Voon Ong, et al on behalf of the BSR and BHPR Standards, Guidelines and Audit Working Group: BSR and BHPR guideline for the treatment of systemic sclerosis (Rheumatology).
- John Mitchell, Kenneth Berger, Andrea Borgo, Elizabeth Braunlin, James Palmer, Klane White, et al: Unique medical issues in adult patients with mucopolysaccharidoses (European Journal of Internal Medicine).
- Robin Fox, John Ealing, Helen Murphy, David Gow, David Gosal: A novel DNMT1 mutation associated with early onset hereditary sensory and autonomic neuropathy, cataplexy, cerebellar atrophy, scleroderma, endocrinopathy and common variable immune deficiency (Journal of the Peripheral Nervous System).
- Marcus Maurer, Martin Church, Alexander Marsland, Gordon Sussman, Frabk Siebenhaar, Christian Vestergaard, Brian Broom: Questions and answers in chronic urticaria: Where do we stand and where do we go? (Journal of the European Academy of Dermatology and Venereology).

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.