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Research & Innovation Bulletin

NHS
Northern Care Alliance
NHS Group

Research news from the Northern Care Alliance

17 October 2018

The Northern Care Alliance NHS Group serves a population of over 1 million people with five local hospitals, 2,000 beds, specialist, acute and community services, and over 17,000 staff from Salford Royal NHS Foundation Trust and The Pennine Acute Hospitals NHS Trust. It has a rich history of pioneering health care and is now building one of the most innovative environments in the UK for conducting patient-focused health research and translating it into patient benefit.



Dedicated staff shortlisted for NCA Staff Awards

It's brilliant that so many research-active staff have been shortlisted for the first ever Northern Care Alliance Staff Awards. Many thanks to everyone who took the time to nominate colleagues and make sure their dedication and hard work is recognised throughout the group. Our congratulations go to:

Bury and Rochdale

Dr Jason Raw – shortlisted for Doctor of the Year

Dr Dave Thompson - shortlisted for the Leading by Example award

North Manchester

Dr Andy Ustianowski – shortlisted for Doctor of the Year

Oldham

Rachel Newport – shortlisted for the Clinical Excellence award

Salford

Professor Phil Kalra – shortlisted for Doctor of the Year

Claire Howard – shortlisted for the Leading by Example award

Voting is open until 19 October and you can vote for colleagues at every care organisation, not just the one where you are based. All the details you need are on the staff intranet. It would be great to see these fantastic colleagues recognised at the Awards celebration on Friday 16 November – the very best of luck to them all.

News



10 shortlisted for Clinical Research Awards

We're delighted that the Northern Care Alliance has 10 shortlistings in the Greater Manchester Clinical Research Awards, organised annually by the NIHR CRN:GM. This is a remarkable achievement and a fabulous reflection of the hard work colleagues put in every day for our patients.

There were 230 nominations for the 2018 awards, one of the largest entries yet, so we would urge anyone who submitted a nomination but didn't see their chosen colleague shortlisted to try again next year.

Those shortlisted are:

Deborah Hall (Senior Diabetes Research Nurse, North Manchester) - Lifetime Achievement

Joint Research Office - Outstanding Contribution

Professor Andrew Rowland (Consultant in Children's Emergency medicine, North Manchester) - Investigator of the Year

Rachel Newport (Research Midwife, Oldham) - Midwife of the Year

Medical Physics team (Salford Royal) - Research Team of the Year

Mfon Sam (Research Nurse, North Manchester) - Best Community Research Contribution

Research for the Future team - Public Engagement

Jenny Philbin (Research Assistant, Oldham) - Research Practitioner of the Year

Garry Trew (Physiotherapy Assistant, Salford Royal) - Research Practitioner of the Year

Sannah Hussain (Research Administrator, Bury & Rochdale) - Research Administrator of the Year

The ceremony will be held in central Manchester on 22 November - best of luck to all the NCA nominees and keep an eye on our

[Twitter](#) and [Facebook](#) accounts for regular updates on the night.



UK first for gastroenterology team

Congratulations to the gastroenterology research team at Fairfield General Hospital, who have recruited the first UK patient to a study testing an investigational treatment for ulcerative colitis. The patient, who has had refractory symptoms of ulcerative colitis for several years, was randomised to the anti-MAdCAM1 antibody phase 3 study - available currently only to patients within the clinical trial remit at selected sites in the UK. The study is sponsored by Shire and the Principal Investigator at the Northern Care Alliance is Dr Jimmy Limdi.



Dermatology researchers score UK first

Well done to Dr Durga Viswesvaraiah and Senior Dermatology Research Nurse Jean Bastrilles, who have recruited the first UK patient to an important psoriasis study. The OASIS-2 trial is assessing the efficacy and safety of Mirikizumab, an injected treatment, compared to placebo and Secukinumab for moderate to severe plaque psoriasis. It's an international study aiming to recruit more than 1,400 participants and sponsored by Eli Lilly and Company. Professor Richard Warren is the Principal Investigator at Salford Royal.



Pain research features on BBC TV

There was a fascinating look at pain, the brain and the placebo effect on BBC2's Horizon programme earlier in October. A short section of Michael Mosley's documentary was filmed in the Human Pain Research Laboratory in the CSB at Salford Royal and featured Professor Anthony Jones and colleagues from The University of Manchester. Professor Jones pioneered the use of functional brain imaging to understand the brain mechanisms of chronic pain and is now using his discoveries to develop new therapies. You can see the full programme on the [BBC iPlayer](#) until 8 November.



FGM call reported in Independent

Research by Professor Andrew Rowland, Consultant in Paediatric Emergency Medicine at North Manchester General, into reporting of female genital mutilation (FGM) has featured in the national media. The Independent said that the scale of FGM in England and Wales is not being properly investigated due to a lack of consistent high-quality data and also reported Prof Rowland and colleagues' call for national data to be gathered by a central authority, fronted by an FGM commissioner. You can read the article [here](#) or our media release [here](#).



3D technology crucial to pioneering op

Salford Royal recently carried out the first operation of its kind in the UK, using 3D printing technologies to carry out a hugely challenging spine operation on Helen, who has ankylosing spondylitis. She had to use a wheelchair, was in constant pain and had other severe life-limiting problems before the 15 hour operation to re-align her spine. Many different teams across the hospital worked together to prepare Helen for this complicated surgery and make sure it was safe. It has made a huge difference to her life – this [moving film](#) explains how it was done.



Last chance to bid for new R&I funding

The Research and Innovation (R&I) team of the Northern Care Alliance has identified funds to support the growth and development of research within the clinical units of the Trust.

A number of awards are available for applications from medical staff, nurses, and AHPs working within any of the clinical teams in the NCA who are either currently engaged in clinical research or want to initiate a research project. A typical award would allocate funding of approximately £12k per year for a maximum of two years (subject to annual review), but where exceptional cases can be justified, the funding could be greater.

You will need to complete a short application form and must have support from your line manager/clinical director so that any individual funding can be recognised in job plans.

[More information and an application form](#) are available online and

the deadline for applications is 5pm on Wednesday 31 October.



Psoriasis roadshow marks anniversary

Patients, visitors and staff found out about the latest treatments for psoriasis when the [Psoriasis Shout Out](#) roadshow came to Salford Royal on 9 October. The fully-equipped healthcare trailer allowed members of the public to talk with healthcare professionals and other people living with psoriasis and to find out more about the condition, different treatment options and cutting edge research taking place in Salford and Manchester. As this year is the 50th anniversary of the UK Psoriasis Association, the team has recorded a series of 50 second shout outs - audio snippets of people's thoughts about living with psoriasis. Among those contributing are Professor Chris Griffiths and Research Nurse Soney Dharmaprasad - you can see the videos on the Psoriasis Shout Out [Facebook page](#).

The Shout Out week events also saw the launch of a [specialist psoriasis clinic](#) in Salford to provide newly-diagnosed patients with a complete and specialist assessment of their psoriasis and education on self-management. The Psoriasis Rapid Access Clinic is a research study in collaboration with The University of Manchester, Salford Royal and funded by Health Innovation Manchester.



Specialist training at our libraries

The Northern Care Alliance Library and Knowledge Services offer a wide range of training. You can book in as a team or as an individual. The library team can cater training to your needs but offer training in the following areas.

- Literature searching (advanced and basic)
- Critical appraisal
- Interpreting statistics
- Electronic resources
- Referencing
- Finding information online

If you would like to find out more or book a session, either call



Films highlight women in research

#NHSWonderWomen is a new series of short films from NHS R&D NW which showcase North West women in health and social care research. Interviewed by creative artist Jana Kennedy, they talk about the human side to their work and their passion for research. There are nine films in total, with one to be launched every four weeks. You can view the first two films - featuring Professor Soo Downe and Dr Helen Hurst - [here](#).

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Research stars of the month



North Manchester

Dedicated Ruth Totton has been a stand-out recruiter to two important diabetes studies at North Manchester General over the last 10 years, helping to build a highly productive relationship with the study sponsor. She also actively promotes our other research studies, which has had a positive impact on overall recruitment figures. She has a good rapport with all her patients, which can be seen when patients actively approach her asking if they can participate in her study.



The Royal Oldham

The pacemaker technicians at the Royal Oldham are September's Research Stars. The approachable and supportive team has been going the extra mile to help recruit for the NOAH study, which is evaluating the potential benefit of oral anticoagulation therapy in patients with atrial high rate episodes in preventing stroke. They have been very helpful in contacting potential volunteers and have even made extra appointments to fit in with the trial.



Salford Royal

An unsung hero and passionate advocate of research who is totally dedicated to his patients – that is Dr Mark Roberts, Salford Royal Research Star of the Month. Dr Roberts has been described as the epitome of what a Chief Investigator and Principal Investigator should be. His colleagues say his patients think the world of him and know that with him they can only receive the very best care. He shows compassion and kindness to everyone especially his patients, is excellent at teaching and explaining to both staff and patients and nothing is too much trouble.



Bury & Rochdale

The brilliant and caring Programmed Investigations Unit at Rochdale Infirmary has been chosen for the nursing team's great contribution to gastroenterology research. It's a busy unit caring for 40+ patients a day and the team has helped with recruitment of over 550 patients to the IBD Bio-Resource study and the I-CARE study. The nurses are friendly, highly professional, accommodating and actively interested in research and the team stand out for their dedication, compassion and commitment to exceptional service.

Send your nominations

Please keep sending your nomination(s) for the Research Star of the Month, with the name of the person or team and a short paragraph explaining why their work should be recognised. to [Vikki O'Loughlin](#) and [Jess Zadik](#).

You can also nominate your team or a colleague for these awards:

- [Pharma Times Medical and Scientific Excellence Awards](#) (closing date 31 October)
 - [British Journal of Nursing Awards](#) (closing date 19 November)
 - [Student Nursing Times Awards](#) (closing date 14 December)
 - [HSJ Value Awards](#) (closing date 11 January)
 - [Advancing Healthcare Awards](#) (closing date 14 January)
 - [Pharma Times International Clinical Researcher of the Year](#) (closing date 31 January)
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Congratulations

... to Dr Krystyna Walton, Consultant in Neurorehabilitation Medicine at Salford Royal who is the new President of the British Society for Neurorehabilitation Medicine. Dr Walton is the first President of the BSRM from the North West.

... to Dr Alex Oldroyd, who was recently awarded the best Manchester Medical Society, Section of Medicine research presentation. Dr Oldroyd is a Clinical Research Fellow in the Musculoskeletal Theme of the NIHR Manchester Biomedical Research Centre. At the Manchester Medical Society Section of Medicine event, he presented the findings from his research entitled "[The temporal relationship between anti-TIF1 antibody positivity and cancer onset](#)".

... to Research and Innovation Manager Katie Doyle who together with family and friends has raised £1,655 for the Alzheimer's Society by taking part in the Manchester Memory Walk, inspired by her dad Bernard. You can still support her [here](#).

Can you help festive appeal?

The Research for the Future team is collecting donations for the Northern Care Alliance's staff LGBT Network Advent calendar appeal to help Salford Foodbank. They are asking for gifts of tinned meat, fish and vegetables; soup, pasta and curry sauces; rice, pasta and instant mash; tea, coffee and long life milk and juices; cereals, biscuits, snack bars and sugar; jam, marmalade and rice pudding; baby food and nappies; basic toiletries. Please take any donation to Research for the Future's office in Summerfield House, Salford before 30 November or contact research.future@srft.nhs.uk for more details.

Knit and natter

Natalie Garratt is inviting crafty researchers who are based at Salford or work there regularly to join a new lunchtime social group. The idea is for knitters and other crafters to get together, share their talents and have a chat. The group will be in the Catherine Chisholm Meeting Room at Summerfield House on Thursdays 1 and 29 November and Fridays 19 October, 16 November and 14 December. Please speak to [Natalie](#) if you want to know more but all are welcome.

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Governance



Advice on e-Consent

The Health Research Authority and Medicines and Healthcare Products Regulatory Agency have issued new guidelines setting out the legal and ethical requirements for seeking and documenting consent using electronic methods. eConsent is an approach sponsors and researchers are increasingly keen to adopt, and enables potential research participants to be provided with the information they need to make a decision via a tablet, smartphone or digital multimedia. The guidance aims to promote best practice where eConsent is used for clinical trials, ensuring continued provision of key information in a clear way to trial participants. [Read more.](#)

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Engagement



Soap, mouthwash and gin: A recipe for health?

A bar of soap at the end of the bed to prevent cramp, a footbath of warm water and mouthwash to soothe tired nurses' feet, and nine golden raisins soaked in gin at breakfast time to ease the pain of arthritis.... we're not sure there's much (if any) evidence for these unusual family remedies! But talking about home-made treatments proved a popular way to introduce the idea of research providing the evidence for the efficacy of NHS treatments during five open days across the Northern Care Alliance's hospitals. We had some very enjoyable and informative conversations with patients, governors, staff and students and also took the opportunity to promote our current research and some of the ways people can get involved, including through [Citizen Scientist](#) and [Research for the Future](#).

Many thanks to everyone who volunteered to help on the stalls and please let us know if you have any bright ideas for themes at future events - a fun approach always helps to engage more people so we can spread our message more effectively.

Socking it to diabetes

More than 100 Help BEAT Diabetes volunteers have helped to shape a special exhibition at the Central Library in Manchester as part of Manchester Science Festival. They shared their personal experience of living with diabetes for [Seven Thousand Feet](#), which sees 7,000 socks hanging high in the library to represent the number of lower limbs amputated in the UK due to diabetes each year. The Research for the Future team worked with artist Christine Wilcox-Baker on the installation, which is on show daily except Sundays from 18 October to 14 November, World Diabetes Day.

Need help with recruitment?

Specialist help is available if you need assistance recruiting patients to trials. Research for the Future can offer tailored assistance for your study, spreading the message to patients with diabetes, a respiratory condition, kidney disease or heart disease. The team has a large database of people in Greater Manchester who are interested in taking part in research and can promote studies to relevant volunteers, providing a quick and easy way to reach potential participants. Find out more about Research for the Future on its [website](#) or call Programme Manager [Katherine Grady](#) on 0161 206 6891.

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Funding



NIHR calls

The NIHR themed call '[improving the outcomes of health and social care for frail people and their carers](#)' is now open for applications. There is a webinar to support applications to this on Thursday 22 November, 11am-noon. Closing dates vary depending on which programme you are applying to.

There is also a themed call on the [management of chronic pain](#), with opportunities across seven NIHR programmes. A webinar focusing on this theme takes place on 26 November, 11am-noon. Again, closing dates vary.

Other current opportunities include:

- [Public Health Research Programme – Air pollution: Outdoor air quality and health](#) (closing date 19 March).
- [Health Technology Assessment programme - active case finding of coeliac disease](#) (closing date 30 January).

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

Research for Patient Benefit competition 37

The National Institute for Health Research is looking for applications for research 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 or service users. The programme aims to fund high quality quantitative and qualitative research with a clear trajectory to patient benefit. It particularly encourages applications that have a strong element of interaction with patients and the public and which have been developed in association with a relevant group of service users.

The Research & Innovation department and the [Research Design Service NW](#) can help to

support the application process and the deadline is 21 November. More details are available [here](#).

BMA Foundation for Medical Research

Applications to the 2019 BMA Foundation for Medical Research grants will open on 1 January and close on 1 March. Only the direct costs of the research project will be funded, and not any overheads or indirect costs. You can apply for up to £65,000 and must have obtained or applied for REC approval - there are more details on the [website](#).

[Grants available](#) cover research into these areas:

- Gastroenterology
- Rheumatism and arthritis
- Viral diseases of the respiratory system
- Paediatric research
- Asthma
- Heart disease
- Antimicrobials
- Schizophrenia
- Public health relating to cancer
- Neurological disorders

The Foundation is also offering 'Lift into research' grants of up to £20,000 to support innovative ideas that may progress to an application for funding to support a research project. Applicants must be registered medical practitioners or medical students, and members of the BMA.

Wolfson funding for mental health research

A £10M mental health initiative from the Wolfson Foundation, aimed at supporting outstanding research to advance the understanding and treatment of mental health conditions, has been launched. The Neuroscience and Mental Health Research Domain in the Faculty of Biology, Medicine and Health will co-ordinate and have oversight of The University of Manchester's response to this call.

Interested applicants should submit an expression of interest in no more than one page of A4 to [Sarah Barton](#) in the Strategic Funding Team, by 3pm on 1 November. Please read the full [Wolfson application guidance](#) before applying:

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R&D Forum events

These NHS Research and Development Forum events are now open for booking:

- [Non-commercial research sponsors symposium](#) - 8 November, London.
 - [2019 Annual NHS R&D Forum](#) – 12-13 May, Brighton
-

Health Research Authority webinars

- [Understanding GDPR in relation to health research in the UK](#), 25 October, 10-11am.
 - [Applying for HRA Approval](#), 25 October, noon-1pm.
 - [Managing your approval](#), 25 October, 2-3pm.
-

Understanding IP management

This free event will provide training and advice on how to understand and identify intellectual property, who to contact about its protection, development and translation, how to work with industry to take your research to the next level and what funding opportunities are available. It is open to Manchester Biomedical Research Centre affiliated staff and members of the Research Project Managers Network, but places are limited to 100. It's on 2 November, 9am-3pm, at The University of Manchester – [register here](#), using the password IP2018.

The impact of patient and public involvement in research

This one-day workshop will explore the evaluation and impact of public and patient involvement and engagement (PPIE) from research and public perspectives and offer practical guidance and support for assessing and carrying out PPIE impact and evaluation. It's on 22 November, 9am-3pm, at Nowgen Centre, Grafton Street, Manchester – [register here](#). Specialist help and support with PPIE is also available from the NCA's Engagement in Research Manager, Jess Zadik - more details on our [website](#).

Make your poster stand out from the crowd

NHS R&D North West has teamed up with creative artist Jana Kennedy to offer a creative workshop on how to bring your poster presentations to life, generate interest and communicate

your research more effectively. It's on 8 November, 9,45am-4pm, at Redbank House, Manchester City Centre. The workshop costs £90 + VAT – [more here](#).

Clinical Research Network courses

The dates for Good Clinical Practice (GCP) and GCP refresher courses for 2018 are available on [our website](#). If your certification is due to expire, please use [this link](#) to confirm your place.

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Events



[Public Involvement in Research in the North West](#). This event will focus on how we can communicate more effectively across all stakeholders in public involvement in research, and the ethical aspects of doing public involvement, through presentations, case studies and hands-on workshops. It's on 30 October, 10.30am-4pm, in The Cobden Rooms 3&4, Manchester Central, Petersfield, Manchester, M2 3GX.

[NIHR Surgical MedTech Cooperative National Meeting 2018: Surgery for Tomorrow's NHS](#).

The NIHR Surgical MedTech Co-operative is a centre of expertise for the development of technologies in the area of colorectal, vascular and hepatopancreaticobiliary (HPB) surgery, with a focus on minimally invasive therapies for colorectal, vascular and HPB disease, translating scientific innovation in engineering, nanotechnology and biosensing into clinical applications. Its annual meeting is on 7 November, 8.30am-5pm at Cloth Hall Court, Leeds.

[Greater Manchester Cancer Conference](#). This one day conference will underline the benefits of cancer services, research and education working together. It will focus around Greater Manchester patient outcomes, explore key improvements made and continuing challenges. It's on 26 November at Old Trafford.

[GAME-ATHON: Can you care for a hospital?](#) Develop and test your leadership and management skills in this newly developed game where a one-day immersive learning simulation will transport you into a hospital environment and ask you to make decisions that will impact the delivery of health care. This free event in Manchester has been developed by The University of Manchester's Health eResearch Centre in conjunction with the Connected Health Cities programme and runs from 28-29 November.

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Vacancies



- [Mohs Surgeon Consultant](#) (closes 6 November)

- [Respiratory Consultant](#) (closes 12 November)

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

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Publications



- Maryyam Zaman, Aarnoud Huissoon, Matthew Buckland, Smita Patel, Hana Alachkar, David Edgar, Moira Thomas, Peter Arkwright, et al: [Clinical and laboratory features of 78 UK patients with Good's syndrome \(thymoma and hypogammaglobulinemia\)](#) (Clinical & Experimental Immunology).
- Lucia Silva-Fernances, Diederik De Cock, Mark Lunt, Audrey Low, Kath Watson, BSRBR-RA contributors group, Deborah Symmons, Kimme Hyrich: [Serious infection risk after one year between patients with rheumatoid arthritis treated with rituximab or with a second TNFi after initial TNFi failure: Results from the British Society for Rheumatology Biologics Register for Rheumatoid Arthritis](#) (Rheumatology).
- Zenas Yiu, Richard Warren: [Ustekinumab for the treatment of psoriasis: An evidence update](#) (Seminars in Cutaneous Medicine and Surgery).
- Adrian Covic, Simonetta Genovesi, Patrick Rossignol, Philip Kalra, Alberto Ortiz, Maciej Banach, Alexandru Burlacu: [Practical issues in clinical scenarios involving CKD patients requiring antithrombotic therapy in light of the the 2017 ESC guideline recommendations](#) (BMC Medicine).
- Graham Dinsdale, Chris Roberts, Tonia Moore, Joanne Manning, Michael Berks, John Allen, Marina Anderson, Christopher Taylor, Andrea Murray, Ariane Herrick, et al: [Nailfold capillaroscopy – how many fingers should be examined to detect abnormality?](#) (Rheumatology).
- Hugh-Owen Colhoun, Estela Rubio Gozalbo, Annet Bosch, Ina Knerr, Charlotte Dawson, Karolina Stepien, Eileen Treacy, et al: [Fertility in classical galactosaemia, a study of N-glycan, hormonal and inflammatory gene interactions](#) (Orphanet Journal of Rare Diseases).
- Ulrich Mrowietz, Jonathan Barker, Wolf Boehncke, Lars Iversen, Brian Kirby, Luigi Naldi, Kristian Reich, Adrian Tanew, Peter van de Kerkhof, Richard Warren: [Clinical use of dimethyl fumarate in moderate-to-severe plaque-type psoriasis: A European expert consensus](#) (Journal of the European Academy of Dermatology and Venereology).
- Dipesh Vasant, Ramya Kalaiselvan, Joanne Ablett, Ashley Bond, Arun Abraham, Antje Teubner, Darren Green, Peter Paine, Simon Lal: [The chronic intestinal pseudo-obstruction subtype has prognostic significance in patients with severe gastrointestinal dysmotility related intestinal failure](#) (Clinical Nutrition).
- Rebecca Joseph, Tjeerd van Staa, Mark Lunt, Michal Abrahamowicz, William Dixon: [Exposure measurement error when assessing current glucocorticoid use using UK primary care electronic prescription data](#) (Pharmacoepidemiology and Drug Safety).
- Yan Yiannakou, Anu Agrawal, Patrick Allen, Naila Arebi, Steven Briwn, Maria Eugenicos, Adam Farmer, Su McLain-Smith, John McLaughlin, David Sanders Dominic

- Lawrance, Anton Emmanuel: [UK clinical experience up to 52 weeks with linaclotide for irritable bowel syndrome with constipation](#) (Therapeutic Advances in Gastroenterology).
- Rebecca Joseph, David Ray, Brian Keevil, Tjeerd van Staa, William Dixon: [Low salivary cortisol levels in patients with rheumatoid arthritis exposed to oral glucocorticoids: A cross-sectional study set within UK electronic health records](#) (Rheumatic and Musculoskeletal Diseases).
 - Peter Lillitos, Mark Lyttle, Damian Roland, Colin Powell, Julian Sandell, Andrew Rowland, Susan Chapman, Ian Maconochie: [Defining significant childhood illness and injury in the Emergency Department: A consensus of UK and Ireland expert opinion](#) (Emergency Medicine Journal).
 - Joan Perello, Pieter Joubert, Miguel Ferrer, Antonio Canals, Smeeta Sinha, Carolina Salcedo: [First-time-in-human randomized clinical trial in healthy volunteers and haemodialysis patients with SNF472, a novel inhibitor of vascular calcification](#) (British Journal of Clinical Pharmacology).
 - Suzanne Pilkington, Martin Barron, Rachel Watson, Christopher Griffiths, Silvia Bulfone-Paus: [Aged human skin accumulates mast cells with altered functionality which localise to macrophage and VIP+ nerve fibres](#) (British Journal of Dermatology).
 - Michelle MacKintosh, Abigail Derbyshire, Rhona McVey, James Bolton, Mahshid Nickkho-Amiry, Catherine Higgins, Martyna Kamieniorz, Philip Pemberton, Bilal Kirmani, Babur Ahmed, Akheel Syed, Basil Ammori, Andrew Renehan, Henry Kitchener, Emma Crosbie: [The impact of obesity and bariatric surgery on circulating and tissue biomarkers of endometrial cancer risk](#) (International Journal of Cancer).
 - Joanne Ablett, Dipesh Vasant, Michael Taylor, Cathy Cawley, Simon Lal: [Poor social support and unemployment are associated with negative effect in home parenteral nutrition-dependent patients with chronic intestinal failure](#) (Journal of Parenteral and Enteral Nutrition).
 - Maria Leoni, Andrew Ustianowski, Hamzah Farooq, Joop Arends: [HIV, HCV and HBV: A review of parallels and differences](#) (Infectious Diseases and Therapy).
 - Deborah Antcliff, Philip Keeley, Malcolm Campbell, Steve Woby, Anne-Maree Keenan, Linda McGowan: [Activity pacing: Moving beyond taking breaks and slowing down](#) (Quality of Life Research).
 - Shahin Hajibandeh, Shahab Hajibandeh, Merili Pugh, David Winters, Nicholas Hobbs, Munir Tarazi, Nilanjan Panda, Sanjay Dalmia, Moustafa Mansour, Sohail Malik: [Impact of Toupet versus Nissen fundoplication on dysphagia in patients with gastroesophageal reflux disease and associated preoperative esophageal dysmotility: A systematic review and meta-analysis](#) (Surgical Innovation).
 - Angela Paisley, Jennifer Beynon, Catherine Fullwood, Hood Thabit, Martin Rutter, Lalantha Leelarathna, et al: [Impact of social deprivation, demographics and centre on HbA1c outcomes with continuous subcutaneous insulin infusion](#) (Diabetic Medicine).
 - Iain Macdougall, Claire White, Stefan Anker, Sunil Bhandari, Kenneth Farrington, Philip Kalra, John McMurray, Heather Murray, Retha Steenkamp, Charles Tomson, David Wheeler, Christopher Winearls, Ian Ford, on behalf of the PIVOTAL trial investigators: [Randomized trial comparing proactive, high-dose versus reactive, low-dose intravenous iron supplementation in hemodialysis \(PIVOTAL\): Study design and baseline data](#) (American Journal of Nephrology).
 - Michael Hughes, Amy Baker, Sue Farrington, John Pauling: [Patient organisation-led](#)

[initiatives can play an important role in raising awareness about Raynaud's phenomenon and encourage earlier healthcare utilisation for high-risk groups](#) (Annals of the Rheumatic Diseases).

- Harish Seethapathy, Vincent Brandenburg, Smeeta Sinha, Rokea el-Azhary, Sagar Nigwekar: [Update on the management of calciphylaxis](#) (QJM).

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

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How to submit an article

The Research and Innovation bulletin is published on the third Wednesday of each month.

Please submit articles to claire.mooney@srft.nhs.uk by noon on the preceding Monday.

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

Research and Innovation is part of the [Northern Care Alliance NHS Group](#), comprising [Salford Royal NHS Foundation Trust](#) and [The Pennine Acute Hospitals NHS Trust](#).



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Our mailing address is:

Salford Royal NHS Foundation Trust [R+D]
Stott Lane
Salford
Salford, Lancashire M6 8HD
United Kingdom

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