

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 is an integrated service overseeing research and development on behalf of [Salford Royal NHS Foundation Trust](#) and [Salford Clinical Commissioning Group](#).



@SalfordRD



## News

### Renal consultant raises awareness on video

Renal Consultant Professor Phil Kalra has taken part in a series of short films highlighting kidney disease and how research helps kidney patients. Prof Kalra, who is Chair of the National Institute for Health Research (NIHR) Clinical Research Network renal disorders group, features alongside patient Michael Lomax in the videos released by the CRN to coincide with events around World Kidney Day on 10 March.

The films, which also look at the prevalence of kidney disease, links with other conditions and Mr Lomax's experience of taking part in research, can be viewed at [www.youtube.com/user/NIHRtv/videos](http://www.youtube.com/user/NIHRtv/videos).

Staff and volunteers from Greater Manchester Kidney Information Network and the Young Adult Renal Network also put on an awareness day at Salford Royal on World Kidney Day.

### Farewell to Steve Hopkins

This month sees Dr Steve Hopkins retire from Salford Royal after 38 years as a Consultant Scientist and honorary Reader at The University of Manchester.

His work here since 1978 has been focussed around inflammation and immunology, first in rheumatic diseases, later in fever and more recently in stroke, ageing and dementia. As he steps down from his day-to-day role, he's looking forward to continuing his voluntary work in Eccles as well as travelling with his partner Karen Illingworth, who is also about to retire from the laboratory at Salford Royal.

But he won't be cutting his ties altogether, as he'll continue to co-supervise a number of PhD students and has further research publications in the pipeline.

Professor of Stroke Medicine Prof Pippa Tyrrell paid tribute to her colleague: "Working with Steve Hopkins has always been an absolute delight. He is first and foremost a fantastic colleague: a lovely man who also happens to be an excellent scientist! He has been the backbone of our stroke research over the last 16 years, producing laboratory data from our patient samples that you know you can have complete confidence in, because he is so meticulous in preparing the data."

### Pain, the brain and a little bit of magic

Leading neuro-rheumatology researcher Professor Anthony Jones and colleagues from the Human Pain Research Group are to give a series of performance lectures on 'Pain, the brain and a little bit of magic.'

Taking a look inside the brain, this talk simplifies the science behind how and why we feel pain, how we develop chronic pain and how this pain can be overcome. It's based on pioneering research and offers an optimistic message of how chronic pain may be better treated and understood.

'Pain, the brain and a little bit of magic' is a performance for chronic pain sufferers and the people who support them, medical professionals and anybody else who wants to know more about what makes the brain tick.

This talk includes a performance by [Sam Redway](#), a brain model designed by [Elisa Artesero](#), assisted by Tim Rainey and Javin Sandhu and includes speaker Val Derbyshire, Chair of [Salford Fibromyalgia Support Group](#).

You can book [here](#) for the performance in Humphrey Booth Lecture Theatre, Mayo Building, Salford Royal, on Saturday 2 April or see more details and other venues [here](#).

### Discover the DEPEND project into 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](#).

### Innovation fund supports outpatients film

Patients coming to Salford Royal for Outpatients appointments can now plan for their visit using a [short video](#). The film explains the practicalities of attending an outpatient appointment at Salford Royal, following a patient on a typical visit.

Consultant Neurologist Dr David Rog originated the project to help patients feel more confident about their visit, which then won funding from the Design Innovation Solutions in Clinical Care award set up by Salford R+D and the Trust's Division of Clinical Support Services and Tertiary Medicine. The film was produced by Haelo, Salford's innovation and improvement science centre, with input from patients and health staff.

### A year of #whywedoresearch

The #whywedoresearch campaign is a social media initiative to raise research awareness and to start a conversation about research between staff, patients and the public.

Since Salford R+D joined this global campaign in March 2015, our Twitter feed @SalfordRD has featured more than 200 messages of support for research. All sorts of people have joined in – patients and research participants, members of the public and visitors to Salford Royal, GPs, clinical researchers, academics, hospital staff and especially research nurses.

We've had a big range of reasons for carrying out or supporting research – but at the heart of most responses is that research helps patients by improving care in the health service. We'd like to say thank you to everyone who has stopped to talk about research, write their message and allow us to tweet their photo. There's a photo gallery showing a small selection of the comments on our website and you can also see our short video based on the campaign on [YouTube](#).

### New Manchester Regenerative Medicine Network

Regenerative medicine aims to repair, replace or regenerate damaged tissues, using cell, or gene therapy and tissue engineering. A multidisciplinary approach, bringing together biologists, material scientists, bioengineers and clinicians will mean basic biological research can be translated into viable clinical therapies.

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. It will also link scientists and clinicians so that new cell, gene and bioengineering protocols can be translated into clinical practice.

Whitworth Art Gallery will host the official launch of the Manchester Regenerative Medicine (MaRM) Network on 23 May, 4.30-9.30pm. There will be short talks showcasing the research taking place in Manchester and a lecture by a renowned regenerative medicine researcher. There will also be time to

network with colleagues and view posters. Register [here](#).

### If you enjoy reading this, you might like...

Many of our partner organisations produce regular newsletters – these are links to subscribe or see more:

- [TRUSTECH – the North West NHS Innovation Service](#)
- [TARN – the Trauma Audit and Research Network](#)
- [NIHR Greater Manchester Primary Care Patient Safety Translational Research Centre](#)
- [MAHSC – Manchester Academic Health Science Centre](#)
- [Human Tissue Authority](#)
- [NHS R+D North West](#)

### 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:

- [Patient Safety Awards](#) (deadline 18 March)
- [Nursing Times Awards](#) (deadline 29 April)
- [European Society of Intensive Care Medicine Awards](#) (deadline 2 May)
- [HSJ Awards](#) (deadline 3 June)



## Governance

### HRA Approval update

[Guidance for applicants](#) has been updated, and researchers should read through this carefully before making any applications. Any questions regarding HRA Approval at Salford Royal should be directed to [Natalie Garratt](#), R+D Lead.

It is essential that researchers do not start their research at Salford Royal until they have received confirmation from Salford R+D that they can do so.



## Engagement

### Looking for research participants?

Salford's [Citizen Scientist](#) project can help to recruit participants for your study, spreading the message to both patients and healthy volunteers.

The project, which gives local people a way to find out about and get involved in health research, has signed up more than 3,000 local people who are interested in taking part in research. Studies can be promoted via its website, newsletters and social media, providing a quick and easy way to reach potential participants.

Find out more about Citizen Scientist on its [website](#) or email [info@citizenscientist.org.uk](mailto:info@citizenscientist.org.uk)

### Psoriasis Shout Out® needs ambassadors

Could you help make a difference to the lives of people with the skin condition psoriasis?

The Psoriasis Shout Out® initiative aims to raise awareness of the inflammatory condition and to bring patients together with professionals working to treat it and improve care through research. The next one will run from 18-24 June in Salford and Manchester and follows on from a very popular event in 2014. But the success of the Psoriasis Shout Out® relies on patient volunteers – so organisers are looking for more people to 'Shout Out' about the condition by becoming a Psoriasis Shout Out® ambassador.

For more information on events or to become an ambassador contact Susie, Psoriasis Shout Out® Coordinator, on 0161 206 8077 or email [info@psoriasisshoutout.co.uk](mailto:info@psoriasisshoutout.co.uk)



## 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

### Be a digital dynamo

NHS R+D North West is offering training to improve your digital knowledge, presence and impact. The training, in partnership with organisational development expert Kev Wyke, will show how to:

- Effectively use Twitter as a social media platform
- Build a professional online network
- Engage online in research communities
- Have a sound digital presence
- Get your research message heard

Workshops take place on 4 April and 20 May, 9.30am-1pm, at Redbank House, St Chad's Street, Manchester, and cost £50 each. To register contact [Leanne Gregory](#) or call 0161 935 8434.

### Need help searching for full-text journal articles?

Salford Royal's Library is running an Infoshots training session on how to search for and retrieve full-text journal articles. This hands-on session will equip you with the skills to successfully navigate the library's electronic journal holdings, ensuring you have access to up-to-date research to support evidence based practice.

The session is open to all Trust staff and will take place on Tuesday 19 April in the Trust Library. Sessions last 30 minutes and run from noon-12.30pm and 12.30-1pm. To book your place, visit [www.salfordlearning.nhs.uk](http://www.salfordlearning.nhs.uk) and select 'Library Services' in the 'Personal and Professional Development' area.

You will need to have registered for an NHS Athens account before attending this session. Please contact the library for details on how to register.

If you would like to arrange an alternative time or /location for the training, contact the Outreach Librarian, [Jane Roberts](#) on 0161 206 8411.



## Events

[NHS Five Year Plan: Responding to the Prevention Challenge](#). This conference will explore how to make the NHS sustainable by incentivising and supporting healthier lifestyles. It's on 22 March at Royal National Hotel, London.

[Dementia 2020](#). Prof Alistair Burns, Gillian Leng from NICE and Martin Rossor, the National Director for Dementia Research at the NIHR, are among the speakers at this conference at Church House, London, on 12 April.

[Trauma Care Conference: From Roadside to Rehab](#). This 17<sup>th</sup> international Trauma Care conference runs from 17-21 April at Yarnfield Park Conference Centre, Stone.

[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 26<sup>th</sup> 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](#). Save the date for this NHS England event at Manchester Central on 7 and 8 September.

[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...

- Philip Allan and Simon Lal from Salford Royal's Intestinal Failure Unit – together with Anil Vaidya they have contributed a chapter on small bowel transplantation to a new book, [Nutritional Management of Inflammatory Bowel Diseases](#), edited by Ashwin Ananthakrishnan and published by Springer.
- Diane Lomas, Salford R+D's Administration Assistant, who achieved a fantastic 100 per cent in the business document production and information management unit of her BTEC Level 2 Diploma in Business Administration, as well as 45/50 in her ICT exam – the highest mark recorded in this at Salford Royal.

## Vacancies

- [CLAHRC Facilitator](#) – Band 6 (Closing date 20 March).

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



## Publications

### Journals, articles, newsletters and blogs

- Roman Pfeifer, Michel Teuben, Hagen Andruszkow, Bilal Barkatali, Hans-Christoph Pape: [Mortality patterns in patients with multiple trauma: A systematic review of autopsy studies](#) (PLOS One).
- Ashar Ahmed, Derek Lowe, Jennifer Kirton, Mary O'Brien, Ayren Mediana, Helen Frankland, Hannah Bruce, Tom Kennedy, Simon Rogers, Robert Moots: [Patient concerns inventory and its use in the rheumatology outpatient clinic setting](#) (Journal of Rheumatology).
- Antony Thomas, John McDonald: [Patient safety incidents associated with failures in communication reported from critical care units in the North West of England between 2009 and 2014](#) (Journal of the Intensive Care Society).
- Qasim Akram, Hector Chinoy: [Scalp necrosis associated with giant cell arteritis](#) (New England Journal of Medicine).
- Emma Gosnell, Bilal Anwar, Vinay Varadarajan, Simon Freeman: [Sternocleidomastoid pyomyositis](#) (European Annals of Otorhinolaryngology, Head and Neck Diseases).
- Faisal Ali, Waseem Bakkour, Janice Ferguson, Vishal Madan: [Carbon dioxide laser ablation of dermatosis papulose nigra: High satisfaction and few complications in patients with pigmented skin](#) (Lasers in Medical Science).
- Matt Jackson, Chinmay Patvardhan, Fiona Wallace, Andrew Martin, Hakeem Yusuff, Geraint Briggs, Rayaz Malik on behalf of the NWRAG Peri-Op Diabetes Audit Group: [Perioperative management of diabetes in elective patients: A region-wide audit](#) (British Journal of Anaesthesia).
- N Malecic, Helen Young: [Novel investigational Vascular Endothelial Growth Factor \(VEGF\) receptor antagonists for psoriasis](#) (Expert Opinion on Investigational Drugs).
- Yi Zhen Chiang, Firas Al-Niaimi, Emma Craythorne, Raj Mallipeddi: [Perioperative management of novel oral anticoagulants in skin surgery: A national survey](#) (British Journal of Dermatology).
- Loris Pironi, Jann Arends, Simon Lal, Stephane Schneider, et al, the Home Artificial Nutrition and Chronic Intestinal Failure Special Interest Group of ESPEN: [ESPEN guidelines on chronic intestinal failure in adults](#) (Clinical Nutrition).
- Kayode Ogungbenro, Sharon Hulme, Nancy Rothwell, Stephen Hopkins, Pippa Tyrrell, James Galea: [Study design and population pharmacokinetic analysis of a phase II dose-ranging study of interleukin-1 receptor antagonist](#) (Journal of Pharmacokinetics and Pharmacodynamics).
- Fiona Rowe, Elizabeth Conroy, Graham Barton, Emma Bedson, Emma Cwiklinski, Claire Howard, Tracey Shipman, et al: [A randomised controlled trial of treatment for post-stroke homonymous hemianopia: Screening and recruitment](#) (Neuro-Ophthalmology).
- Erin Johnson, Mark Roberts, Tahseen Mozaffar, Peter Young, Adrian Quartel, Kenneth Berger: [Pulmonary function tests \(maximum inspiratory pressure, maximum expiratory pressure, vital capacity, forced vital capacity\) predict ventilator use in late-onset Pompe disease](#) (Neuromuscular Disorders).
- Ki-Wei Tan, Christopher Griffiths: [Novel systemic therapies for the treatment of psoriasis](#) (Expert Opinion on Pharmacotherapy).
- Daniel Darbyshire, Charlotte Barrett, David Ross, David Shackley: [Measuring ward round quality in urology](#) (International Journal of Risk and Safety in Medicine).
- Cynthia Pine, Pauline Adair, Louise Robinson, Girvan Burnside, Paula Moynihan, William Wade, James Kistler, Morag Curnow, Mary Henderson: [The BBaRTS Healthy Teeth Behaviour Change programme for preventing dental caries in primary school children: Study protocol for a cluster randomised controlled trial](#) (BioMed Central).
- Emilia Michou, Alicja Raginis-Zborowska, Masahiro Watanabe, Taha Lodhi, Shaheen Hamdy: [Repetitive transcranial magnetic stimulation: A novel approach for treating oropharyngeal dysphagia](#)

(Current Gastroenterology Reports).

- Mahdi Khalfaoui, Anthony McEvoy: [Tennis leg: A unique 'strain', management approach and review of the literature](#) (International Journal of Orthopaedics).
- Martyn Dibb, Mattias Soop, Antje Teubner, Jon Shaffer, Arun Abraham, Gordon Carlson, Simon Lal: [Survival and nutritional dependence on home parenteral nutrition: Three decades of experience from a single referral centre](#) (Clinical Nutrition).
- Jessica Chapman, Abdul Lalkhen: [Postoperative analgesia](#) (Anaesthesia and Intensive Care Medicine).
- Phillippa Shorrock, Nawar Bakerly: [Effects of smoking on health and anaesthesia](#) (Anaesthesia and Intensive Care Medicine).
- Malik Arshman Khan, Owen Addison, Alison James, Christian Hendriksz, Maisonn Al-Jawad: [Synchotron X-ray diffraction and scanning electron microscopy to understand enamel affected by metabolic disorder mucopolysaccharidosis](#) (Micron).
- Safwaan Adam, Akheel Syed: [Diabetes care for the Hajj](#) (European Journal of Internal Medicine).
- James Tollitt, Edmond O'Riordan, Dimitrios Poulikakos: [CMV disease complicating induction immunosuppressive treatment for ANCA-associated vasculitis](#) (BMJ Case Reports).
- Manoj Sivan, Justin Gallagher, Ray Holt, Andrew Weightman, Rory O'Connor, Martin Levesley: [Employing the International Classification of Functioning, Disability and Health \(ICF\) Framework to capture user feedback in the design and testing stage of development of home-based arm rehabilitation technology](#) (Assistive Technology).
- Claire Vale, Sarah Burdett, Larysa Rydzewska, Laurence Albiges, Noel Clarke, Jayne Tierney, et al: [Addition of docetaxel or bisphosphonates to standard of care in men with localised or metastatic, hormone-sensitive prostate cancer: a systematic review and meta-analyses of aggregate data](#) (Lancet Oncology).
- Julie Snowden: [Dissociated word production and comprehension in semantic dementia](#) (Cortex).
- Andre Khoo, Faisal Ali, John Lear: [Defining locally advanced basal cell carcinoma and integrating smoothed inhibitors into clinical practice](#) (Current Opinion in Oncology).
- Pietro Randelli, Davide Cucchi, Usman Butt: [History of shoulder instability surgery](#) (Knee Surgery, Sports Traumatology, Arthroscopy).
- Zenas Yiu, Richard Warren: [Novel oral therapies for psoriasis and psoriatic arthritis](#) (American Journal of Clinical Dermatology).
- Harshal Deshmukh, Matthew Hinkley, Louise Dulhanty, Hiren Patel, James Galea: [Effect of weekend admission on in-hospital mortality and functional outcomes for patients with acute subarachnoid haemorrhage \(SAH\)](#) (Acta Neurochirurgica).
- Lauren Hepworth, Fiona Rowe, Marion Walker, Janet Rockliffe, Carmel Noonan, Claire Howard, Jim Currie: [Post-stroke visual impairment: A systematic literature review of types and recovery of visual conditions](#) (Ophthalmology Research).
- Mitchell Foster, Calvin Soh, Daniel DuPlessis, Konstantina Karabatsou: [Circumferential intradural meningioma of the thoracic spinal cord](#) (Spine Journal).
- Jamie McPhee, David French, Dean Jackson, James Nazroo, Neil Pendleton, Hans Degens: [Physical activity in older age: Perspectives for healthy ageing and frailty](#) (Biogerontology).
- Anushka Warusevitane, Dumin Karunatilake, Julius Sim, Craig Smith, Christine Roffe: [Early diagnosis of pneumonia in severe stroke: Clinical features and the diagnostic role of C-reactive protein](#) (PLOS One).
- Matthew Harwood, Sibylle Neuhoff, Amin Rostami-Hodjegan, Geoffrey Warhurst: [Breast cancer resistance protein abundance but not mRNA expression correlates with estrone-3-sulphate transport in Caco-2](#) (Journal of Pharmaceutical Sciences).
- Ajay Aggarwal, Julie Nossiter, Paul Cathcart, Jan van der Meulen, Jem Rashbass, Noel Clarke, Heather Payne: [Organisation of prostate cancer services in the English National Health Service](#) (Clinical Oncology).
- Alexandra Kendall, Suzanne Pilkington, Gary Sassano, Lesley Rhodes, Anna Nicolaou: [N-acyl ethanolamide and eicosanoid involvement in irritant dermatitis](#) (British Journal of Dermatology).
- Ben Brown, Justin Roberts: [Principles of artificial ventilation](#) (Anaesthesia and Intensive Care)

Medicine).

- Faisal Ali, Helen Young: [Ophthalmological considerations in necrobiotic xanthogranuloma](#) (Clinical and Experimental Dermatology).
- ESCP Intestinal Failure Group, Carolynne Vaizey, Yasuko Maeda, Eva Barbosa, Federico Bozzetti, Jorge Calvo, Øivind Irtun, Palle Bekker Jeppesen, Stanislaw Klek, Marina Panisic-Sekeljic, Ioannis Papaconstantinou, Andreas Pascher, Yves Panis, William Wallace, Gordon Carlson, Marja Boermeester: [ESCP consensus on the surgical management of intestinal failure in adults](#) (Colorectal Disease).
- Matthew Harwood, Brahim Achour, Sibylle Neuhoff, Matthew Russell, Gordon Carlson, Geoffrey Warhurst, Amin Rostami-Hodjegan: [In vitro-in vivo extrapolation scaling factors for intestinal P-glycoprotein and breast cancer resistance protein: Part I: A cross-laboratory comparison of transporter-protein abundances and relative expression factors in human intestine and caco-2 cells](#) (Drug Metabolism and Disposition).
- Samantha Whitehouse, John Stephenson, Victoria Sinclair, Jonathan Gregory, Anant Tambe, Rajat Verma, Irfan Siddique, Mohammad Saeed: [A validation of the Oswestry Spinal Risk Index](#) (European Spine Journal).
- Barbara Burton, Patrick Deegan, Saikat Santra, Reena Sharma, Vassili Valayannopoulos, et al: [Clinical features of lysosomal acid lipase deficiency](#) (Journal of Pediatric Gastroenterology and Nutrition).
- Arturo Vilches-Moraga, Nicolas Martinez-Velilla, Antonio Cherubini, Marion McMurdo, Iqbal Singh, Tim Pattison: [Clinical practice guidelines and the older patient: Wake up call for geriatricians](#) (European Geriatric Medicine).
- Paul Yesudian, Joyce Leman, Periasamy Balasubramaniam, Andy Macfarlane, Firas Al-Niaimi, Christopher Griffiths, Arthur Burden, Richard Warren: [Effectiveness of subcutaneous methotrexate in chronic plaque psoriasis](#) (Journal of Drugs in Dermatology).
- Alexander Egeberg, Lotus Mallbris, Richard Warren, H Bachelez, Gunnar Gislason, Peter Hansen, Lone Skov: [Association between psoriasis and inflammatory bowel disease- a Danish nationwide cohort study](#) (British Journal of Dermatology).

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

## How to submit articles

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

An archive of previous editions is available online at [www.salfordresearch.org.uk](http://www.salfordresearch.org.uk).