

Translational Research

► Manchester 2021



**Tackling Bottlenecks
to Deliver Impact**
08 - 09 December 2021



ONLINE and FACE TO FACE EVENT



Foreword from Professor Luke Georghiou

**Deputy President and Deputy Vice-Chancellor PI of
the Wellcome Translational Partnership Award (TPA)**



However excellent our research is, we have a duty to society to ensure that it is applied for benefit to health, well-being and the economy. The essence of that translation is connecting people with complementary skills and assets at all stages of the process. Supported by the Translational Partnership Award (TPA) from Wellcome, Translation Manchester was established to help overcome the obstacles to conducting translational research by bringing together a network of support, facilities and expertise to make the pathway to translation quicker and easier. This celebration event follows the launch of Translation Manchester back in 2019, and will bring together our translational research community to discuss the highlights and challenges of conducting translational research at Manchester. We hope that you enjoy this event and look forward to hearing how we can support your research needs now and in the future.

Meet the Translation Manchester Team



Professor Luke Georghiou

Deputy President
and Deputy Vice-Chancellor;
TPA Principal Investigator



Professor Nigel Hooper

Associate Vice-President for
Research; TPA Co-Investigator



Dr Lloyd Gregory

Academic Partnerships Director at
Health Innovation Manchester;
TPA Operational Lead



Dr Alessandro Faroni

Translational Research Manager
TPA Programme Manager



Dr Fiona Foster

Translational Research Manager
TPA Programme Manager



Dr Ania Jolly

Strategic Funding Manager



► Translational Research Manchester 21

Translational Research at Manchester 2021 is a free event offering online webinars, interactive debate, networking, and poster competitions for the translational research community in Manchester. The programme is split over two-days, with three online sessions allowing you to attend those most relevant to your interests and from the comfort of your home or office. There will also be two face-to-face events providing you opportunities to meet and network with researchers, clinicians, and others from the field in the beautiful setting of the Whitworth Art Gallery.

*To watch the live sessions live or on demand click on the links on the relevant pages. Please note that you must be registered to the conference to access the session. If you have not registered and wanting access please contact **translation@manchester.ac.uk***

8th December 2021

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|-------------|---|
| 10:00-12:00 | Opening Session (Online) |
| 13:00-15:00 | Lunch, Posters and Networking (Whitworth Art Gallery) |

9th December 2021

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|-------------|--|
| 10:00-12:00 | Celebrating Translational Research successes (Online) |
| 14:00-16:00 | Team Science in Translation (Online) |
| 18:00-20:00 | Celebration Evening with keynote Speaker (Whitworth Art Gallery) |



If you are registered to the event scan here to access the session live or on demand.



Session 1 8th December

What is translation? Translational Research Culture at the University and Beyond

Time: 10:00-12:00

Online: [Click here](#)

Aims:

- Opening event.
- Recognising the importance of a translational research culture.
- Highlighting the importance of translational research on patient outcomes and impact on society.
- Promoting opportunities for translational researchers through the Translational Partnership Award (TPA).

Online Format:

- Short talks
- Open panel discussion around 'What is translation? Commercialisation and healthcare impact'

Agenda and Speakers:

10.00 - 10.10 Opening speech - Translational Research at Manchester

Prof Luke Georghiou, Deputy President and Deputy Vice-Chancellor at the University of Manchester

10.10 - 10.25 The role of the University and Health Innovation Manchester in research translation

Prof Ben Bridgewater, CEO Health Innovation Manchester

10.25 - 10.40 Commercialisation of research

Dr Louise Farrand, Innovation Factory

10.40 - 10.55 Translation beyond commercialisation

Prof Colette Fagan, Vice-President for Research at the University of Manchester

10.55 - 11.10 Translation Manchester and the TPA

Prof Nigel Hooper, Associate Vice-President for Research at the University of Manchester

11.10 - 11.20 Break with poll

11:20-12:00 Panel Discussion.

If you have any questions for the panel you can submit it in advance at translation@manchester.ac.uk or you can ask using the chat function during the day.



ONLINE

► **Lunch and Networking session**

Time: 13:00 – 15:00

Where: Whitworth Art Gallery

Aims:

- Opportunity to network with other researchers and clinicians with an interest in translation across different disciplines
- Gain awareness of all the support available across UoM, Manchester NHS Trusts, Industry for translational research
- Featuring posters exhibition and prizes for early career researchers



Format:

- In-person event at Whitworth Art Gallery
- Catering provided
- Limited numbers
- Early career researcher poster competition



FACE TO FACE





Session 3 9th December

Celebrating Translational Partnership Award successes

Time: 10:00-12:00

Online: [Click here](#)

Aims:

- Showcase the success stories of TPA-funded projects and the support offered from Translation Manchester
- Highlight the breadth of translational research within the university and beyond
- Recognise the importance of translational research on patient outcomes/impact on society
- Provide ECRs with a platform to feature their successes

Online Format:

- Series of presentations with opportunities for breakout activities
- TPA case studies from awardees leading projects in the Discovery (D1-D4) and Translational (T1-T4) stage
- Each session involving a chair
- Focus on bottlenecks and how to address them



ONLINE

Agenda and Speakers:

Access to Expertise Case Studies

10.00 - 10.15 **Chair** Prof Tracy Hussell

10.15 - 10.30 Prof Mark Travis
A2E 2018 (D1-D4)

10.30 - 10.45 Dr Pauline Whelan & Prof Kathryn Abel
A2E 2018 (T1-T4)

10.45 - 10.55 **Breakout activity** Audience participation

Projects for Translation Case Studies

10.55 - 11.10 **Chair** Prof Brian Bigger

11.10 - 11.25 Dr Claudia Lindner
P4T & A2E 2020 (D1-D4)

11.25 - 11.40 Prof Jeremy Derrick
A2E 2018 (T1-T4) & P4T 2020 (D1-D4)

11.30 - 11.40 **Final Discussion and closing remarks by chair**



Session 4 9th December

Team Science in Translation

Time: 14:00-16:00

Where: [Click here](#)

Aims:

- Highlighting the importance of working in multidisciplinary teams through translational research
- Raise awareness of the breadth of translational research undertaken at the University (and beyond) and the support available
- Recognise the importance of translational research on patient outcomes/impact on society

Online Format:

- Series of talks and case studies from different stakeholders of translational research from discovery to translation and implementation
- Opportunity for discussion

Agenda and Speakers:

14.00 - 14.10 Chair **Team Science in Translation**
Prof Rob Bristow

14.10 - 14.30 **The Scientist's Vision**
Prof Sarah Cartmell

14.30 - 14.50 **The Clinical Angle**
Prof Ian Bruce

14.50 - 14.55 Break

14.55 - 15.10 **The Patient Perspective**
Bella Starling (VOCAL) and Patient Representative

15.10 - 15.30 **The Professional Support and Project Management Experience**
Dr Rachel Chown

15.30 - 15.50 **The Industry Viewpoint**
Dr Steve McConchie, Aptus Clinical



ONLINE

Celebration evening

Time: 18:00-20:00

Where: Whitworth Art Gallery



Aims:

- Close the event
- Celebrate successes
- Opportunity to network with other researchers and clinicians with an interest in translation across different disciplines
- Opportunities to promote collaboration.

Format:

- **Key-note talk** Sir Richard Leese CBE
- Drinks reception and Canapes
- Poster awards
- Closing Remarks



FACE TO FACE

Sir Richard Leese Bio

Organisation: Manchester City Council

Position: Leader Of The Council & Future Chair-Designate Of The Greater Manchester Integrated Care Board (Icb)

No. Of Years As Leader:
Since 1996

No. Of Years As Councillor:
Since May, 1984

Ward: Crumpsall

Political Affiliation: Labour

Qualifications: B.sc. Mathematics (University Of Warwick)

Richard Leese Was Elected To Manchester City Council In 1984. He Became Leader Of The Council In 1996.

Richard's Political Interests Include Devolution, Place-Based Budgets And The Links Between Economic Development And Social Policy, Developing Open Democracy And The Community Leadership Role Of Local



Authorities; And The Role Of Cities In Creating A Sustainable Future. He Has A Number Of Additional Responsibilities Including Director Of Manchester Airport Holdings Ltd, Deputy Mayor And Vice Chair Of The Greater Manchester Combined Authority And Chair Of The Lga City Regions Board.

Poster Presentations

1. **Behavioural stratification in a rat model of schizophrenia.** **Jarred Lorusso**, BSc; Dr. Reinmar Hager, Dr. Jocelyn Glazier, Professor Joanna Neill, Rebecca Woods, BSc, Dr. Michael Harte
2. **Inhibition of a IFN_γ-induced macroPARP restores response to anti-PD1 immune checkpoint inhibition.** **C.W. Wong**, C. Evangelou, B.A. Telfer, M. Smith, L. Zeef, K. Kunii, N.R. Perl, P. Lorigan, K.J. Williams, M. Niepel, R. Nagaraju, A. Hurlstone
3. **Translatable learning from the implementation of patient safety policies in the NHS in England.** **David P Wood**, Prof Catherine A Robinson, Prof Rajan Nathan, Dr Rebecca McPhillips
4. **Analysis of human complex wound spatial proteomics through laser capture microdissection and mass spectrometry.** **L Dingle**, J Herrera, C Lawless, J Wong, A Reid
5. **Refractory Chronic Cough Patients are Indiscriminately Hyper-responsive to Inhaled Tussive Irritants/Agents.** **Jenny King**, Bashar AlShekilly, James Wingfield-Digby, Shannon Galgani, Shilpi Sen, Joanne Mitchell, Paul Marsden, Jaclyn Ann Smith
6. **Investigation of the influence of directed mutation of cytomegalovirus glycoproteins on the pathogenesis of viral disease.** **Basem Jawa**, Prof. Pam Valleley and Prof. Paul Klapper
7. **WITHDRAWN - The role of polymorphisms in cytomegalovirus glycoprotein complexes on the outcome of congenital infection.** **Khulud Alhazmi**, Prof. Pam Valleley and Prof. Paul Klapper
8. **Finding new uses for old drugs— Screening FDA approved drug compound library with a novel effector cell assay for potential allergy treatments.** **Jiakai Wu**; Elizabeth Kenyon; Clare Murray; Silvia Bulfone-Paus; Angela Simpson
9. **Application of Latent Semantic Analysis and Supervised Learning Methods to Automate Triage of Referral Letters for Spinal Surgery.** **Erick Mendez Guzman**, Ruthvik Konduru, Mohammed Yassin, Sandeep Konduru, Farideh Jalali-Najafabadi
10. **Developing multicellular models of the ovarian cancer tumour microenvironment to optimise tumour infiltrating lymphocyte therapy.** **Caitlin A. Waddell**, Marcus J. Price, Thomas D. J. Walker and Richard J. Edmondson.
11. **NAMPT inhibition as a potential therapy for the treatment of endometrial cancer.** **Laurence Tan**, Debbie Fischer, Sam Butterworth, Kay Marshall
12. **A real-time ex vivo functional assay suite determines that DNA damage response pathway interactions are heterogeneous and fully classify patient outcomes in ovarian cancer.** **Thomas DJ Walker**, Zahra F Faraahi, Marcus J Price, Amy Hawarden, Dominique M Jones, Aiste McCormick, N Gavrielides, S Tyagi, Laura C Woodhouse, Connor Roberts, Emma J Crosbie, Richard J Edmondson
13. **New anthelmintics targeting whipworm.** **Ruth Forman**, Frederick Partridge, Carole Bataille, Marina Nick, Angela Russell, David Sattelle and Kathryn Else.
14. **Appatella: Using software to support evidence-based therapies.** **Laurie Cooper**, Ellen Poliakoff, James Selfe
15. **Scleroderma App for Lesion VErification (SALVE).** **Adrian K. Davison**, Helen Patrick, Paul New, Graham Dinsdale, Vicky P. Taxiarchi, William G. Dixon, Andy Vail, Andrea K. Murray, Mark Dickinson, Christopher Taylor, Ariane L. Herrick.

Poster Presentations

- 16. Understanding the Role of the Prostate Zones in Cancer Progression.** **Amin Ali**, Renaud Mevel, Alexander Du Feu, Pengbo Wang, Thiraviyam Elumalai, Ishwariya Rejendran, Yatin Jain, Ananya Choudhury, Pedro Oliveira, Syed Murtuza, Robert Bristow and Esther Baena.
- 17. Tissue Engineering a Vascularised Construct.** **LY Yong**, J Blaker, B Derby, J Wong
- 18. In-vivo evaluation of novel composite conduit for peripheral nerve repair.** **Steffan Llewellyn**, Liam McMorro, Alberto Saiani, Adam Reid
- 19. Regenerating the peripheral nervous system: does the cytoskeleton lead the way?** **Alice E Mortimer**, Raman Das, Adam J Reid
- 20. Developing novel diagnostic and prognostic tools to identify and stratify patients with liver disease.** **Huw Purcell**, Lucy Bennett, Oliver Street, Neil Guha, Neil Hanley, Karen Piper Hanley, Varinder Athwal (as part of the ID LIVER consortium)
- 21. Pre-treatment lymphocyte count predicts benefit from concurrent cisplatin with radiotherapy in oropharynx cancer.** **J.M. Price**, H.B. Mistry, G. Betts, E.J. Cheadle, L. Dixon, K. Garcez, T. Illidge, Z. Iyizoba-Ebozue, L. Lee, A. McPartlin, S. Papageorgiou, R.J.D. Prestwich, D.J. Pritchard, A. Sykes, C.M. West, D.J. Thomson
- 22. A 3D Bioprinted Model of the Human Intervertebral Disc.** **S.R. Moxon**, M. Domingos, J. Gough & S.M. Richardson
- 23. Development of a clinical hematopoietic stem cell gene therapy manufacturing protocol in preparation for future phase I/II clinical trials.** **S Ellison**, Y Learmonth, L Bonsellkirk, B Bigger
- 24. Potent Efficacy of a Dual Antibiotic Combination Against MRSA.** **Karem Ibrahim** and Dr. Guoqing Xia
- 25. Enhanced engraftment and cell-mediated exon skipping restore physiological levels of dystrophin expression and muscle function in Duchenne Muscular Dystrophy (DMD).** **Galli F, Meggiolaro L**, Naz N, Bragg L, Rossi M, Sibanda T, Caffarini M, Talapatra M, Bano-Otalora B, Santoleri S, Meregalli M, Bigot A, Lucas R, Mouly V, Bozzoni I, Bonini C, Torrene Y and Cossu G.
- 26. Defining Functional Impacts of Macrophages in the Formation of Surgical Adhesions.** **Rinal Sahputra**, Krittee Deyjong, Stella Pearson, Matthias Mack, Adrian S Woolf, Judi Allen, Dominik Ruckerl, Sarah Herrick
- 27. Biomarker discovery for stratification of patients with intervertebral disc degeneration and associated back pain.** **Hamish T J Gilbert**, Khim Chew, Daniel Lewis, Kanna Gnanalingham, Judith A Hoyland, Stephen M Richardson.
- 28. Results from an exploratory investigation of integrating gene expression profiling and interim PET imaging data for prognostic assessment and risk-adapted management of early-stage Hodgkin lymphoma.** **Joanna Oladipo**, Nicholas Counsell, Janet Taylor, Joanna Williams, Rachel Oakley, Richard Byers, Sally Barrington, Cathy Burton, Tim Illidge, John Radford, Kim Linton

TranslationManchester



CONTACT US

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