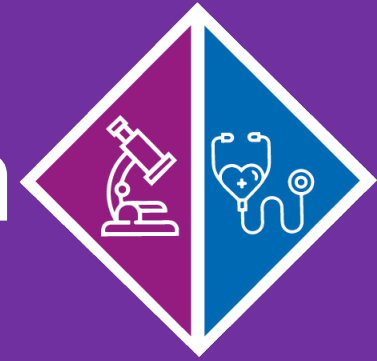


Translational Research

Manchester 2023



Opening Session

Translational Partnership Award Introduction and Opening Keynote

Chair:
Prof Nigel Hooper



Scan for full
programme



@Translation_Mcr



#TranslationMCR23

MANCHESTER
1824

The University of Manchester

W
wellcome

Translational Research

► Manchester 2023



TRANSLATIONAL PARTNERSHIP AWARD INTRODUCTION AND OPENING KEYNOTE

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

9:55 - 10:00

WELCOME FROM THE CHAIR

10:00 - 10:15

Translation Manchester and the Translational Partnership Award

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

10:15 - 10:40

OPENING KEYNOTE ADDRESS

Drug discovery and brain cancer: the industry perspective of (a former) academic

Prof Petra Hamerlik, Chair of Translational Neuro Oncology

10:40 - 10:45

Questions & Answers



Translational Research

► Manchester 2023



► **EARLY CAREER RESEARCHERS EVENT**
KICKSTART YOUR TRANSLATIONAL RESEARCH CAREER

TranslationManchester



CONTACT US



www.translation.manchester.ac.uk



translation@manchester.ac.uk



[@Translation_Mcr](https://twitter.com/Translation_Mcr)

Translational Research Manchester 2023

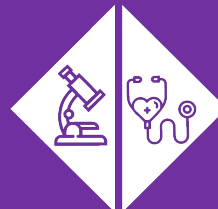
13th September 2023

Professor Nigel Hooper

*Associate Vice-President for Research
Translational Partnership Award Co-Chair*

MANCHESTER
1824

The University of Manchester



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Aims of the event

- Promote a **translational research culture** amongst our up-and-coming researchers
- Showcase the **support available** for translational researchers
- Introduce **new people** to translational research
- Provide **opportunities for networking** and facilitate the establish new links/collaborations
- Promote **upcoming opportunities** from Translation Manchester



Programme of the day

| WHEN | WHAT |
|---------------|---|
| 9.30 – 9:55 | Registration and coffee |
| 9:55 – 10:45 | TRANSLATIONAL PARTNERSHIP AWARD INTRODUCTION AND OPENING KEYNOTE Chair: Prof Nigel Hooper, Associate Vice-President for Research at the University of Manchester Opening Keynote address: Prof Petra Hamerlik, Chair of Translational Neuro Oncology |
| 10.45 – 11:15 | SESSION 1: TRANSLATIONAL RESEARCH FUNDING & GENERATING IMPACT FROM TRANSLATIONAL RESEARCH Chair: Laura Breen, Research Development & Impact Manager |
| 11.15 – 11:45 | Coffee Break |
| 11.45 – 12:15 | SESSION 2: TEAMS BUILD DREAMS: ENHANCING CULTURE AND RESEARCH THROUGH INTERDISCIPLINARY, COLLABORATIVE WAYS OF WORKING. Chairs: Nicola Telfer and Karon Mee |
| 12.15 – 13:30 | Lunch and Poster Competition for Early Career Researchers |
| 13.30 – 14:00 | SESSION 3: BENEFITS OF WORKING WITH INDUSTRY TO TRANSLATE RESEARCH Chair: Chris Hepworth, Business Engagement manager |
| 14:00 – 14:20 | SESSION 4: SUPPORTING THE NEXT STEPS IN YOUR TRANSLATIONAL PATHWAY Chair: Lloyd Gregory, Academic Partnerships Director, Health Innovation Manchester |
| 14:20 – 14:50 | CLOSING KEYNOTE SESSION Chair: Professor Luke Georghiou, Deputy President and Deputy Vice- Chancellor at the University of Manchester Closing Keynote address: Professor Rachel Lennon, Professor of Nephrology and Consultant Paediatric Nephrologist |
| 14:50 – 15:00 | CLOSING REMARKS AND PRIZE GIVING |
| 15:00 – 15:30 | Afternoon tea & Networking |

Translational Research Manchester 2023



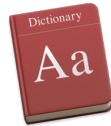
- Inspiring presentations from successful innovators
- Informative sessions on translational research topics:
 - Funding and Impact
 - Team Research
 - Industry collaboration
- Networking lunch with poster competition

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DOWNLOAD
FULL
PROGRAMME



Supporting Academics to translate their research

TRANSLATIONAL RESEARCH



Pronunciation:

/tranz'leɪʃ(ə)n(ə)l/ /rɪ'sə:tʃ, 'ri:sə:tʃ/

noun:

the process of applying ideas, insights, and discoveries generated through basic scientific inquiry to the treatment or prevention of human disease

'systematic effort to convert basic research knowledge into practical applications to enhance human health and well-being'

'applying knowledge from basic biology and clinical trials to techniques and tools that address critical medical needs'

'research process that investigates and translates nonclinical research results into clinical applications'

'involves moving knowledge and discovery gained from the basic sciences to its application in clinical and community settings'

COMMERCIAL



NON-COMMERCIAL



Who are Translation Manchester?

- In 2018 the University of Manchester was awarded [a Wellcome Trust Translational Partnership Award](#) (TPA, £1.2m).
- In 2021, TPA was renewed for a further 3 years (£2.4m) ending November 2024.
- The TPA provides funding to support the progression of academic health related research into real world benefit for patients and society.
- The TPA award is delivered through Translation Manchester.



Who?

Translational Manchester Team



Dr Alessandro Faroni
Translational Research Manager

- Post doc, Division of Cell Matrix Biology & Regenerative Medicine, 2012-2020
- Neuroscience, regenerative medicine, POLYNERVE clinical trial

Dr Lijing Lin
Translational Research Bioinformatician

- Post doc, School of Health Sciences (2014-2021), Statistics, Machine Learning
- Post doc, Department of Mathematics (2011-2014), Scientific Computing



Dr Fiona Foster
Translational Research Manager

- Institute manager for the Lydia Becker Institute / MCCIR (2012 – 2021)
- Post doc - Breast Cancer Research (2001 – 2012)



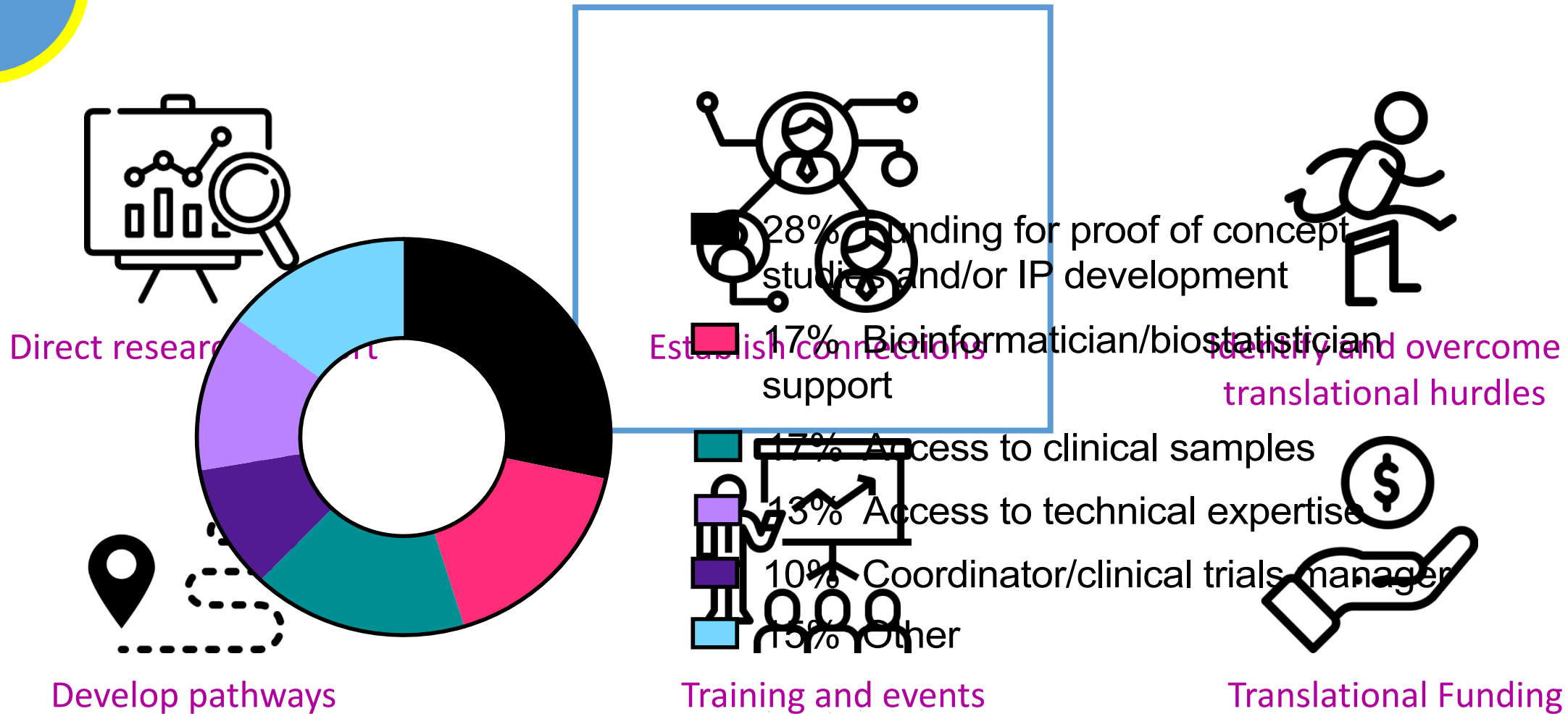
Vacant
Translational Research Support Officer



How?

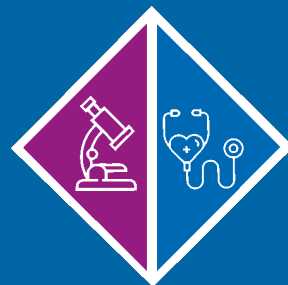
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Tackling Translational Bottlenecks



TranslationManchester

Research Network



Download the booklet
<https://bit.ly/3dEBTEs>
Available in the useful links box



> 70 partners



Research and Technology Transfer Support

Industry

Research Facilities

Networks

Biobanks

Clinical Trials Support

NHS

Supporting Translational Research

D1

D2

D3

D4

T1

T2

T3

T4

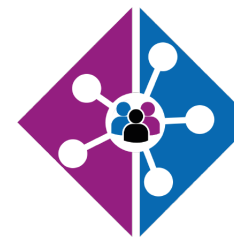


Focus
Groups
Ongoing

TranslationManchester

► Research Connections Tool

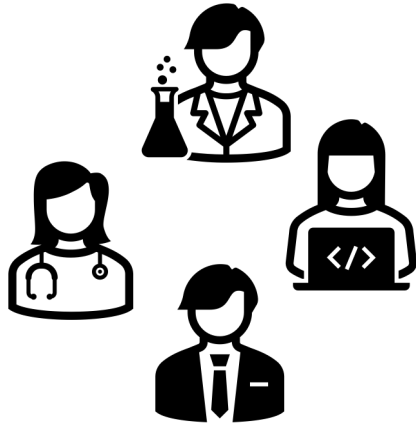
A 'Dating App' Concept for Research Connections



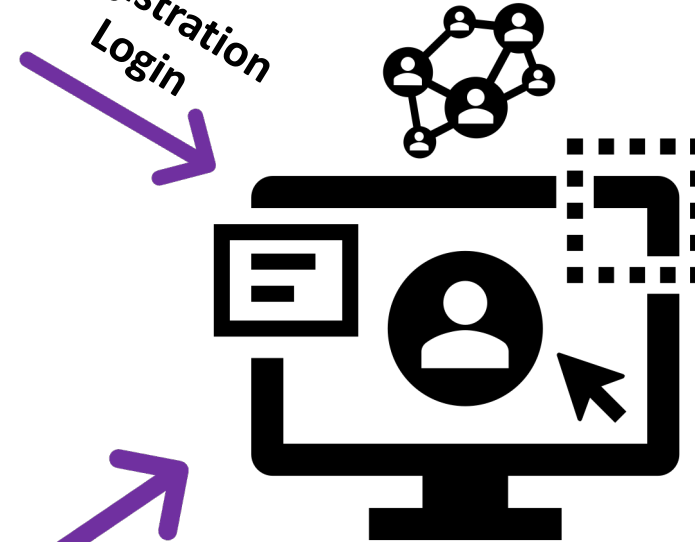
SCAN TO
JOIN TESTING



Experts:
Academics
Clinicians
PS Staff



Registration
Login

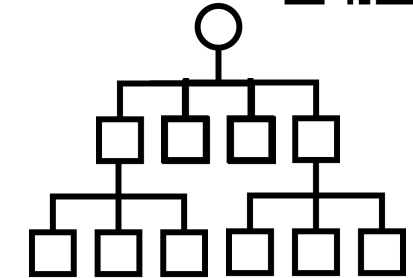


Search & Match:
Based on keywords and
Availability to collaborate

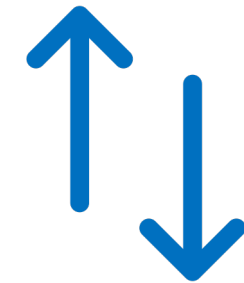


Find expertise
Find Collaborators

Facilitate Multidisciplinary Research



Smart Search Functionalities
Based on MESH hierarchy



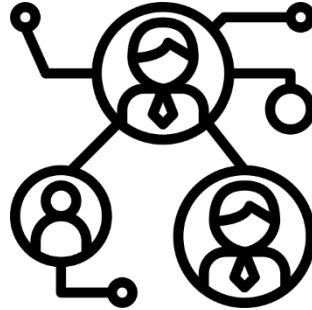
Keyboard database:
MESH (with hierarchy)
Free format Keywords



Translation Manchester



Direct research support



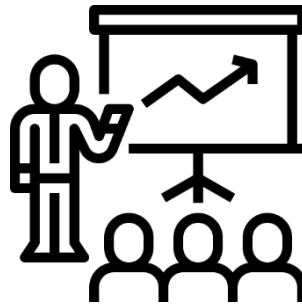
Establish connections



Identify and overcome
translational hurdles



Develop pathways

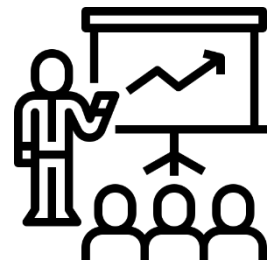


Training and events



Translational Funding





Building on success of the **Innovator Training Scheme** We are developing a **Translational Research Skills Training Portal** together with **SLD / e-learning team** and our **BRC colleagues** including **live** and **on demand** training on:

- Team science
- Network and collaboration
- Entrepreneurial mindset
- Research Impact
- Public and patient engagement
- IP, licencing, commercialisation, spinouts
- Pitching ideas to potential investors
- Negotiating skills
- Regulatory bodies and routes into the NHS and 3rd sector
- Setting up clinical trials
- Healthcare policy and NICE
- Economic value and feasibility of health interventions
- Collaborating with industry

**SCAN TO
JOIN TESTING**

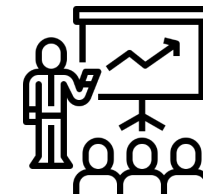
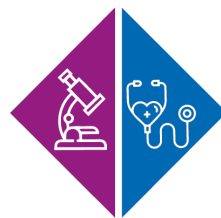


Translational Research Skills Training Portal Coming in 2023



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► Bioinformatics Expertise



Request Bioinformatics
Expertise
Applications Open



Bioinformatics Training
/ Learning Repositories
Updated Weekly



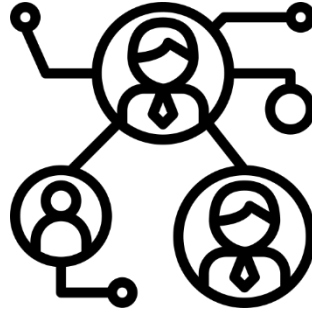
Informatics Training
Scheme
Runs Annually



Translation Manchester



Direct research support



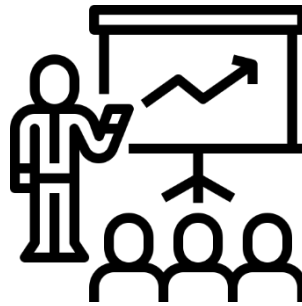
Establish connections



Identify and overcome
translational hurdles



Develop pathways



Training and events



Translational Funding



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► Accelerator Awards



TranslationManchester
► Access 2 Expertise



TranslationManchester
► Translation 4 ECRs



TranslationManchester
► Access 2 Tissues



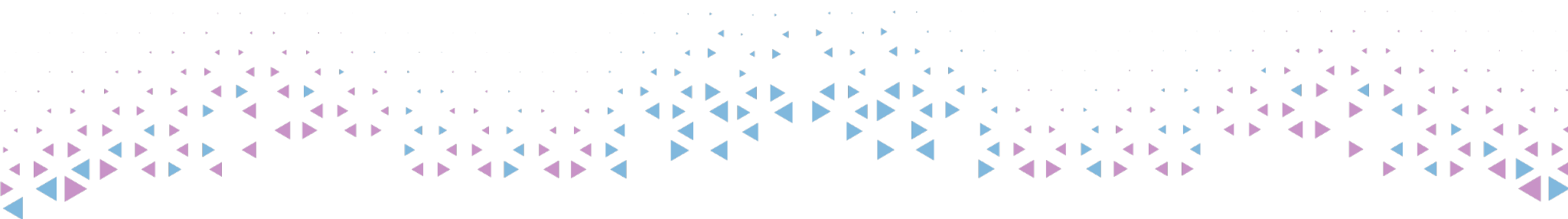
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► Confidence 4 Translation





Call
Open

- Promote **translational research** culture in the Early Career Researchers Community.
- Fund independent small scale projects to gather pilot data for **fellowship or grant applications**.
- We will fund up to **9 projects at £5k each**.
- Applications are accepted on a **rolling basis** until funds spent. Panel meets monthly.
- Currently **accepting applications**





Medical
Research
Council

NIHR | Manchester Biomedical
Research Centre



- Engage **technical expertise** external to their immediate research group
- Not to fund an entire project, designed to **overcome a bottle neck** or hurdle
- Provides **up to £25k** for projects 6-9 months in duration
- Salary or **consultancy costs**, not consumables focused



Call Opens for applications:
13th October 2023



Deadline for applications:
12th December 2023



Peer Review:
December 2023 – January 2024



Outcome to Applicants:
February 2024



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► Innovation Labs

- Half day workshop to fund **new collaborations between academics and industry** partners.
- Delivered by Translation Manchester, FBMH Business Engagement and other partners (Pankhurst, BRC, DiTA, FSE, Bruntwood Scitech)
- Themed workshops around addressing a business challenge, round table discussions, **pitching of ideas** at the end of the session to **win seed funding (£20k per project)** to kick start the collaboration.
- Funding available from TPA, HEIF, BRC and FSE.



Innovation labs 2022: Digital Health and AI

Digital oncology



Mental health in chronic diseases



Mental Health app technology



Data Visualisation



Innovation labs 2023: Diagnostics in Healthcare

Diagnostic technology
utilising DNA sequencing



Evaluation of a diagnostic
for respiratory diseases



Use of imaging biomarkers
for patient stratification



Innovation labs 2024: Theme to be decided



Recruiting Businesses:
November – December 2023



Recruiting Academics:
January February 2024



Sandpit Event:
March 2024



Projects Start:
April 2024



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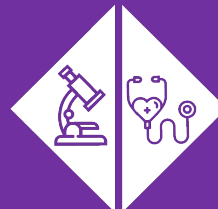
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Visit our website to subscribe to our **newsletter** and **YouTube channel**, and to find out more about how we can help you progress your translational research

THANK YOU

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