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28 November 2018

# SOCIAL IMPACT THROUGH OPEN RESEARCH

How the Library can support you

**LUCINDA MAY & SCOTT TAYLOR**

The University of Manchester Library



@UoMLib\_Lucy

@UoM\_Schol\_Comms

@Scott\_\_tweets

#ResComms18

## FOCUS: RESEARCH OUTPUTS

# Maximise the potential for social impact through your research

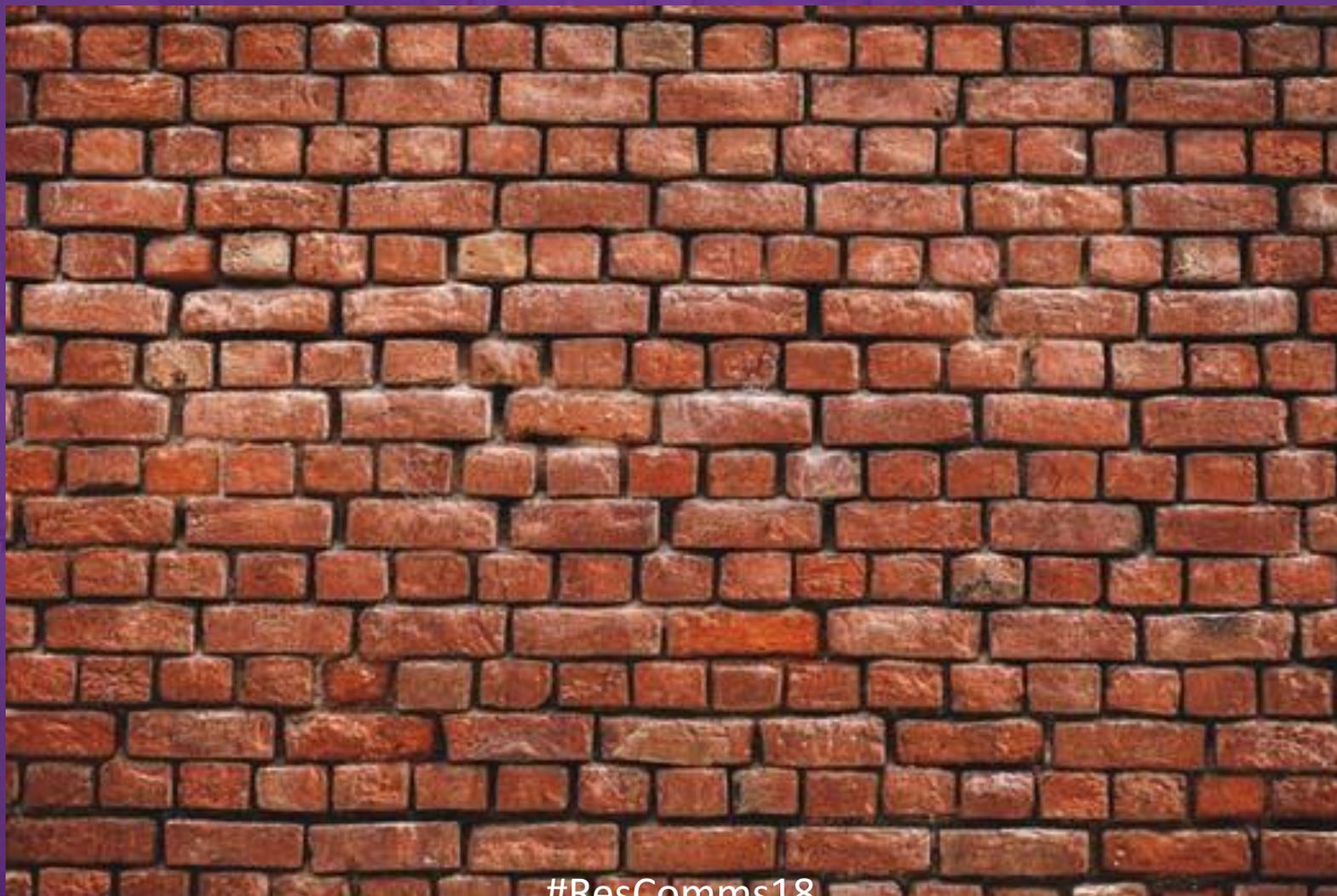
The Library can help

- Remove barriers
- Reach broader audiences

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# REMOVE BARRIERS BY SHARING OA



#ResComms18

# WHAT TO SHARE?

## Journal articles



- Open Access required

## Monographs & book chapters



- Open Access encouraged

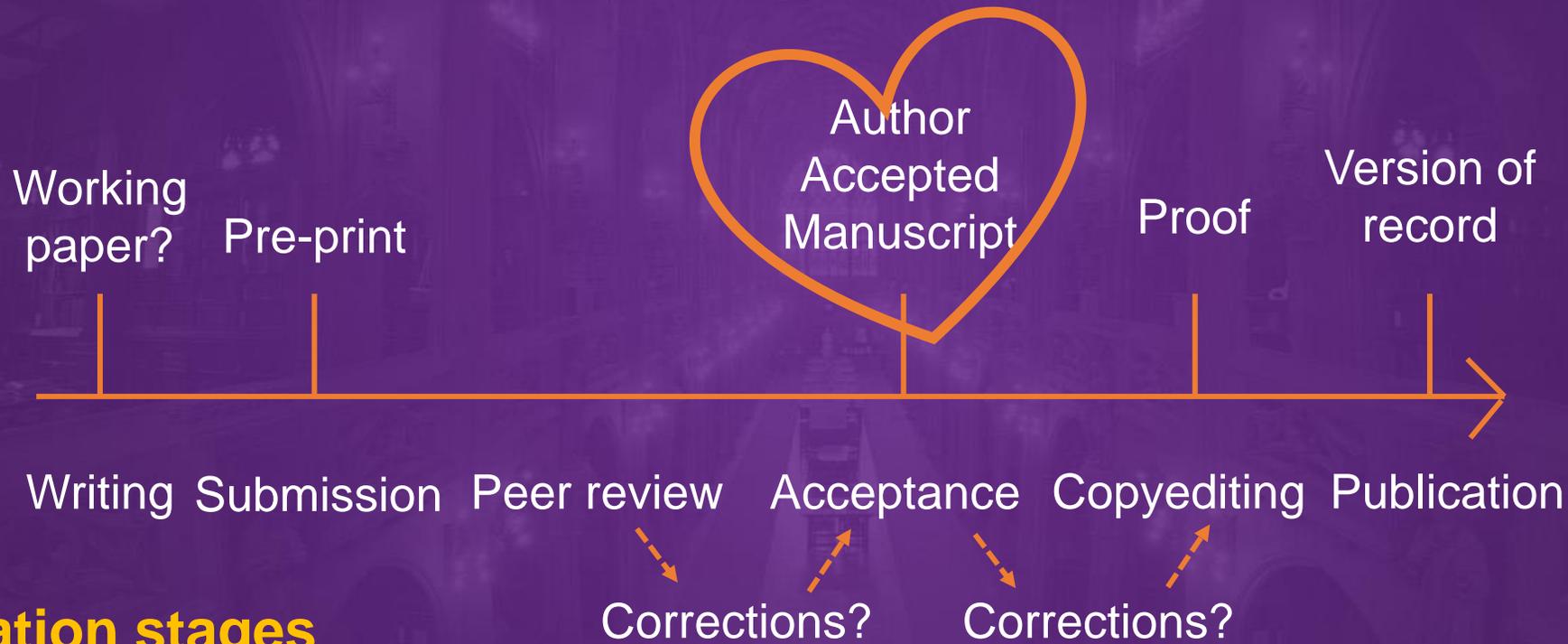
## Other output types



- Open Access encouraged

# WHEN TO SHARE?

## Version of paper



## Publication stages

# HOW TO SHARE?

## Use the Open Access Gateway

< The University of Manchester Library

< Using the Library

< Staff

< Research

< Open research

✓ Open access for research outputs

Understanding Open access

Open access gateway

**Deposit form**

Open access funding

Share your research

Testimonials

### Deposit form

You are logged in as Lucinda May

Select or drag your  
Author Accepted  
Manuscript here

**Journal or conference proceedings title**

**Date of acceptance**

- This paper has the potential to generate media coverage and I'd like it to be considered for publicity by the University's Media Relations team
- I would like my paper to be considered for payment of a Gold Open Access fee or other publication charge (UKRI/COAF-funded authors only)

**NB:** Unfunded authors may be eligible for payment of Gold Open Access fees from the institutional Open Access fund. Check our online [guidance](#) for more information.

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# HOW TO SHARE?

## Use the Open Access Gateway

< The University of Manchester Library

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✓ Open access for research outputs

Understanding Open access

Open access gateway

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**NB:** Unfunded authors may be eligible for payment of Gold Open Access fees from the institutional Open Access fund. Check our online [guidance](#) for more information.

Submit ↗

# Broadening audiences

De-Jargonizer Multiple Texts Hebrew About Instructions Examples Development Developers How to cite Contact Us

## Result

Passenger **leukocyte** transfer from the donor lung to the **recipient** is **intrinsicly** involved in acute **rejection**. Direct **presentation** of **alloantigen** expressed on donor **leukocytes** is recognized by **recipient** T cells, promoting acute **cellular rejection**. We **utilized** **ex vivo** lung **perfusion** (**EVLP**) to study passenger **leukocyte** migration from donor **lungs** into the **recipient** and to **evaluate** the effects of donor **leukocyte depletion** prior to **transplantation**. For this purpose, female **pigs** received male left **lungs** either following 3 h of **EVLP** or **retrieved** using standard **protocols**. **Recipients** were monitored for 24 h and **sequential** samples were collected. **EVLP**-reduced donor **leukocyte** transfer into the **recipient** and migration to **recipient lymph nodes** was **markedly** reduced. **Recipient** T cell **infiltration** of the donor lung was significantly **diminished** via **EVLP**. Donor **leukocyte** removal during **EVLP** **reduces** direct **allorecognition** and T cell **priming**, **diminishing recipient** T cell **infiltration**, the **hallmark** of acute **rejection**.



Common:	66%, 96
Mid-Frequency:	22%, 32
Rare:	12%, 17
Suitability for general audience score:	77
Number Of Words:	145

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KUDOS 

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APA PUBLISHING

## How to Transform Your Psychology Research So That It Replicates

### What is it about?

We explain why and how to transform psychological research so that it is robust and replicable. The researcher needs to focus on the individual, and design methods that allow the individual to exert control over aspects of a real or simulated environment. The researcher then designs a functional model of the individual, optimises it to a task, and assesses the fit with a repeat of the same, or similar, task. The aim is to find consistency in the variables that the individual controls across situations. The tighter the fit of the model, the closer it is to the psychological functioning of the individual, and the greater the validity of the theory from which the model is designed. We show how perceptual control theory has been tested this way, provide recommendations for resources, and address limitations of this approach.

### Why is it important?

Psychology will be taken seriously as a scientific discipline when its methods and results are replicable and consistent with one another. The use of working models - prototypes if you like - will show clearly when a psychological theory is correct, and when it is not. When our models are 'fit to fly', then their underpinning theory can be shown to be valid.

### Perspectives



**Warren Mansell** (Author)  
University of Manchester

I have learned so much since starting to use these methods in my own research. I want to share this perspective as widely as possible to share this experience and see if it can

[Authors](#)



**Warren Mansell**  
University of Manchester

[Resources](#)

**Press Release**

[There's a crisis in psychology - here's how technology could provide a solutionThanks](#)

My article in  
TheConversation.com

**Open Access version**

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University Page

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# Broadening audiences

The screenshot shows the homepage of 'THE CONVERSATION' website. At the top, there is a navigation bar with 'Edition: United Kingdom', 'Donate', and 'Events'. A 'Get newsletter' button and social media icons for Facebook, Twitter, and RSS are also present. The main header features the site's logo and a search bar. Below the header is a category menu with 'Health + Medicine' highlighted. The main content area displays a large image of hands pointing at brain MRI scans. The article title is 'Alzheimer's disease: mounting evidence that herpes virus is a cause', dated 'October 19, 2018 12:32pm BST'. The author's name, 'Ruth Itzhaki', is listed at the bottom right, along with her title as Professor Emeritus of Molecular Neurobiology at the University of Manchester. On the bottom left, there are social media sharing options for Email, Twitter (362 shares), Facebook (13.4k shares), and LinkedIn.

THE CONVERSATION  
Academic rigour, journalistic flair

Arts + Culture Business + Economy Cities Education Environment + Energy **Health + Medicine** Politics + Society Science + Technology Brexit

## Alzheimer's disease: mounting evidence that herpes virus is a cause

October 19, 2018 12:32pm BST

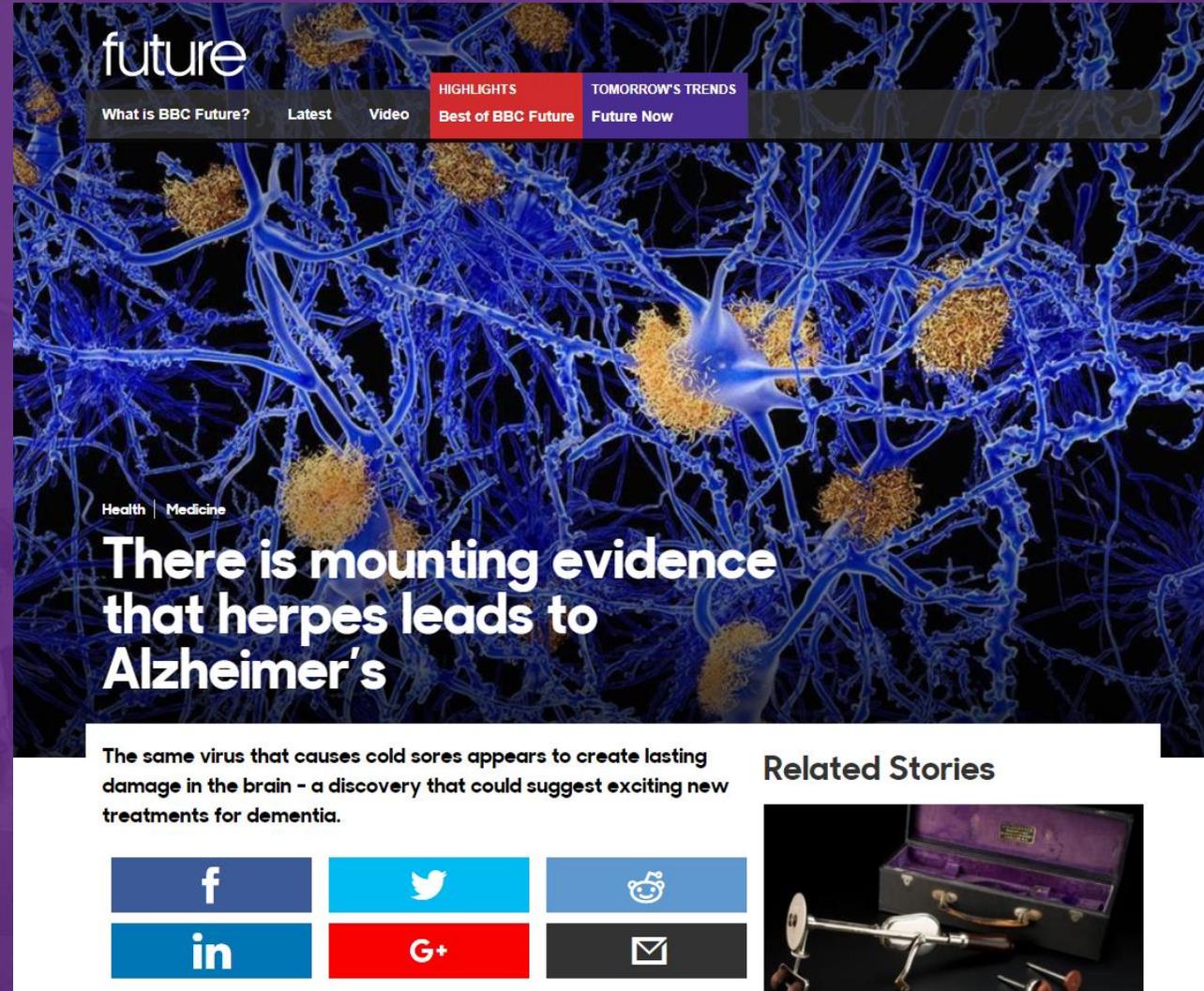
More than 30m people worldwide suffer from Alzheimer's disease – the most common form of dementia. Unfortunately, there is no cure, only drugs to ease the symptoms. However, my [latest review](#), suggests a way to treat the disease. I found the strongest evidence yet that the herpes virus is a cause of Alzheimer's, suggesting that effective and safe antiviral

**Author**

**Ruth Itzhaki**  
Professor Emeritus of Molecular Neurobiology,  
University of Manchester

Email  
Twitter 362  
Facebook 13.4k  
LinkedIn

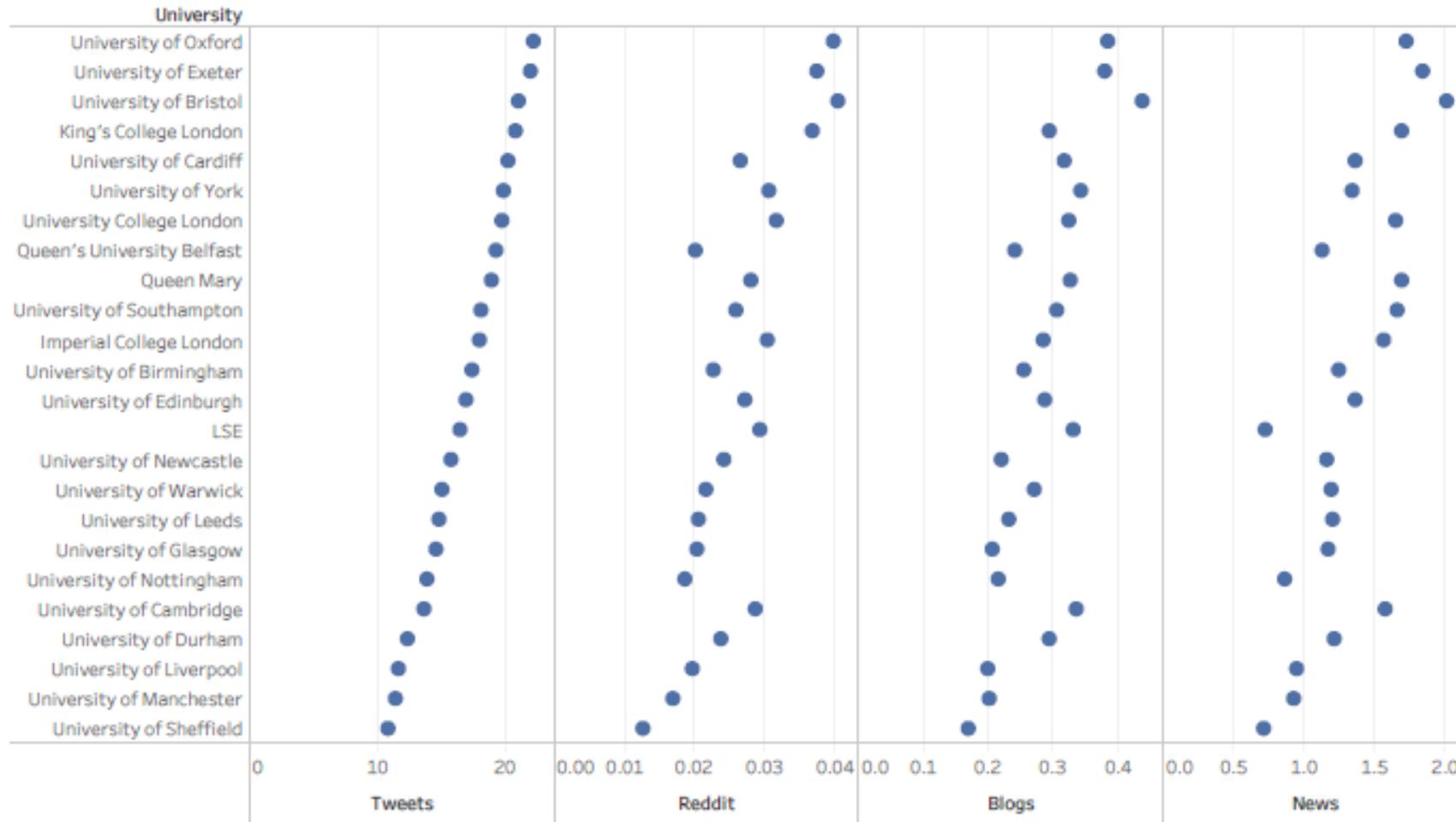
# Broadening audiences



The screenshot shows the BBC Future website interface. At the top, the word "future" is displayed in a white, lowercase font. Below it is a navigation bar with several menu items: "What is BBC Future?", "Latest", "Video", "HIGHLIGHTS", "Best of BBC Future", "TOMORROW'S TRENDS", and "Future Now". The main content area features a large, vibrant image of a neural network with blue dendrites and yellow cell bodies. Overlaid on this image is the text "Health | Medicine" and the headline "There is mounting evidence that herpes leads to Alzheimer's". Below the headline is a short paragraph: "The same virus that causes cold sores appears to create lasting damage in the brain - a discovery that could suggest exciting new treatments for dementia." To the right of this paragraph is a "Related Stories" section with a small image of a vintage medical instrument. At the bottom of the article preview are six social media sharing buttons: Facebook (f), Twitter (bird), Reddit (alien), LinkedIn (in), Google+ (G+), and Email (envelope).

# Broadening audiences

Russell Group Benchmarking (2014-18)



# Broadening audiences

Vicky Taylor-Plane and 2 others Retweeted

 **The University of Manchester**  @OfficialUoM · Oct 11

Professor @nigel\_scrutton, Director @UoMMIB explains how #industrial #biotechnology research is improving the #sustainability of the fuel we buy, the skincare we use and the medicines we take

[Visit manchester.ac.uk](http://manchester.ac.uk) >



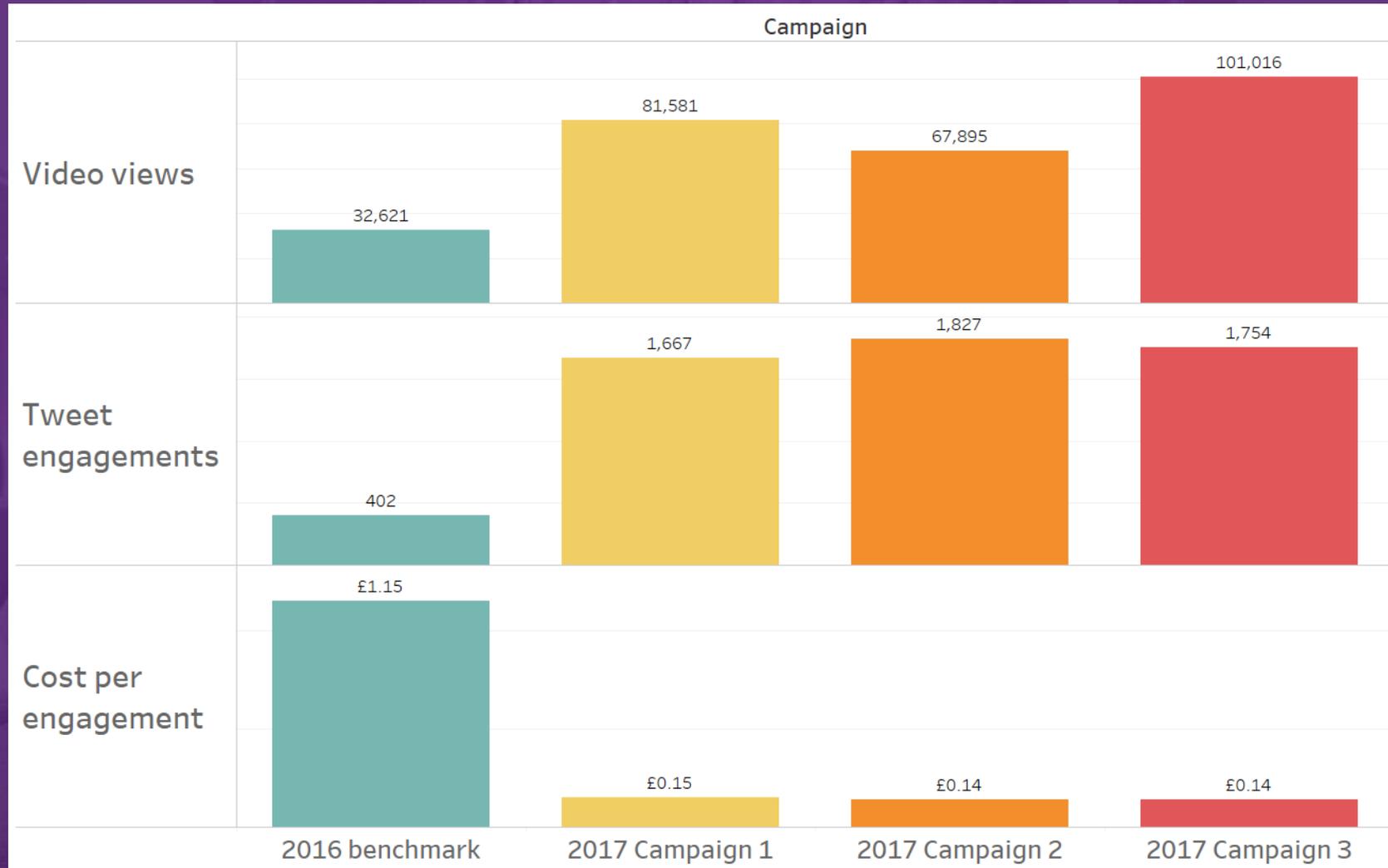
313K views 0:18 / 2:13   

**Industrial Biotechnology at The University of Manchester**

Just as Manchester was at the heart of the first Industrial Revolution, The University of Manchester is now leading the way, both nationally and across Europe, towards a bio-industrial revolution.

11 155 409

# Broadening audiences



# Broadening audiences

Altmetric Explorer - Google Chrome  
https://www.altmetric.com/explorer/outputs

EXPLORE THE ALTMETRIC DATABASE

Search for research outputs...  FULL ALTMETRIC DATABASE OR  MY INSTITUTION ONLY

ADVANCED SEARCH

Showing all research outputs from University of Manchester sorted by Altmetric Attention Score

Sort by

 Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled... Article in <i>The Lancet</i> , April 2016	 Dementia prevention, intervention, and care Article in <i>The Lancet</i> , July 2017
 Efficacy and Safety of an Injectable Combination Hormonal Contraceptive for Men Article in <i>The Journal of Clinical Endocrinology &amp; Metabolism</i> , October 2016	 Global, regional, and national incidence, prevalence, and years lived with... Article in <i>The Lancet</i> , June 2015
 Genome-wide association meta-analysis of 78,308 individuals identifies new... Article in <i>Nature Genetics</i> , May 2017	 A century of trends in adult human height Article in <i>eLife</i> , July 2016
 Observation of the 1S-2S transition in trapped antihydrogen Article in <i>Nature</i> , December 2016	 Multi-messenger Observations of a Binary Neutron Star Merger Article in <i>The Astrophysical Journal Letters</i> , October 2017
 The host galaxy of a fast radio burst Article in <i>Nature</i> , February 2016	 Investigating the running abilities of Tyrannosaurus rex using stress... Article in <i>PeerJ</i> , July 2017
 Phylogenetic ctDNA analysis depicts early stage lung cancer evolution Article in <i>Nature</i> , April 2017	 Sensitive electromechanical sensors using viscoelastic graphene-polymer... Article in <i>Science</i> , December 2016

OVERVIEW

ANALYZE THESE RESULTS

- Total mentions: 357,428
- Research outputs: 89,669
- Outputs with mentions: 28,558
- Sources of attention: 15

EXPORT

EXPORT RESULTS AS CSV

ATTENTION SUMMARY

All overview statistics and organizational data were last updated 1 day ago.

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# TAKEAWAY MESSAGE

## Message

When you have a paper accepted:  
visit [www.manchester.ac.uk/openaccess/gateway](http://www.manchester.ac.uk/openaccess/gateway)

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THANK YOU

1 Sept 2016

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