

The background features a vibrant blue color palette with a prominent, glowing spiral pattern that resembles a galaxy or a vortex. The spiral is composed of numerous concentric, slightly blurred lines of light blue and white, creating a sense of depth and motion. The overall effect is ethereal and futuristic.

Doing the Right Thing

Chris Graf

Research Integrity
Director, Springer Nature

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Springer Nature

Researchers

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What is Springer Nature?

Leading global research publisher

9.4k employees in over 45 countries



OUR DIVISIONS



RESEARCH



EDUCATION



HEALTH

IN RESEARCH ALONE



Handling
1.8m+
article submissions



Publishing
420,400+
articles a year and



8.5 billion+
content downloads



14,000+
research books



Coordinating a team of
100,000+
academic editors



750,000+
peer reviewers



Research represents
c72% of Springer Nature

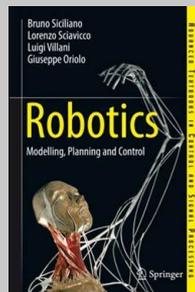
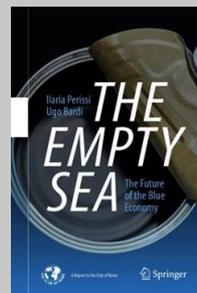
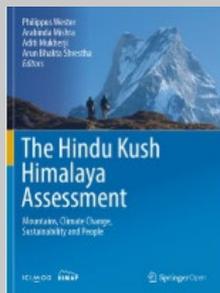
Some of our products

Leading global research publisher

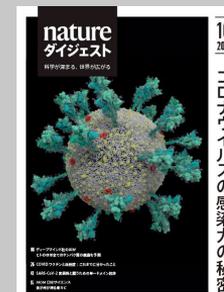
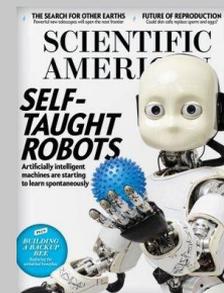
JOURNALS



BOOKS



MAGAZINES



We are also committed to transforming into an OA organisation

Leading global research publisher

By the end of 2024 we aim to have 50% of our research content OA.
We aim to drive this transition through four primary means:

1 Focusing
on gold OA



2 Investing in
our fully OA
portfolio



3 Innovating
to ensure
equity in OA



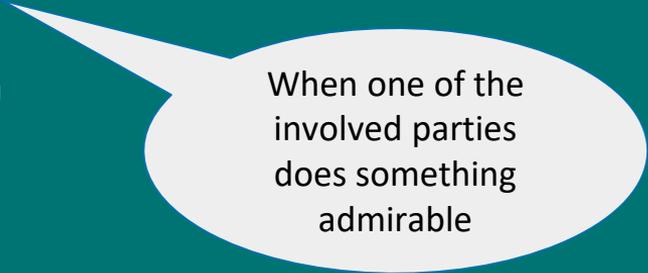
4 Transitionin
g our hybrid
portfolio
via TAs



5 Supporting open science: Data, Code, Protocols and methods, Preprints

Do The Right Thing

Courtesy of Retraction Watch



When one of the
involved parties
does something
admirable

Earlier this month, we reported on how Susanne Stoll, a graduate student in the Department of Experimental Psychology at the University College London, discovered an error that toppled a highly-cited 2014 article — and which might affect hundreds of other papers in the field of perception.



Did the right thing

<https://retractionwatch.com/2020/12/23/i-thought-i-had-messed-up-my-experiment-how-a-grad-student-discovered-an-error-that-might-affect-hundreds-of-papers>

Did the
right thing



Nicola Smith, credit Karl Welsch, Welsch Photography

In September 2019 Nicola Smith, a molecular pharmacologist in Australia, faced a brutal decision. She'd realized that she'd made a mistake — or rather, failed to catch a mistake in her group's research before the crippling error was published — in two academic articles which were the culmination of years of work. And she could either tell the world, or pretend it never happened.

<https://retractionwatch.com/2021/01/12/the-most-horrific-time-of-my-career/>

Did the
right thing

Nobel winner retracts paper from Science

A Caltech researcher who shared the 2018 Nobel Prize in Chemistry has retracted a 2019 paper after being unable to replicate the results.

Frances Arnold, who won half of the 2018 prize for her work on the evolution of enzymes, tweeted the news earlier today:



Frances Arnold

<https://retractionwatch.com/2020/01/02/nobel-winner-retracts-paper-from-science/>

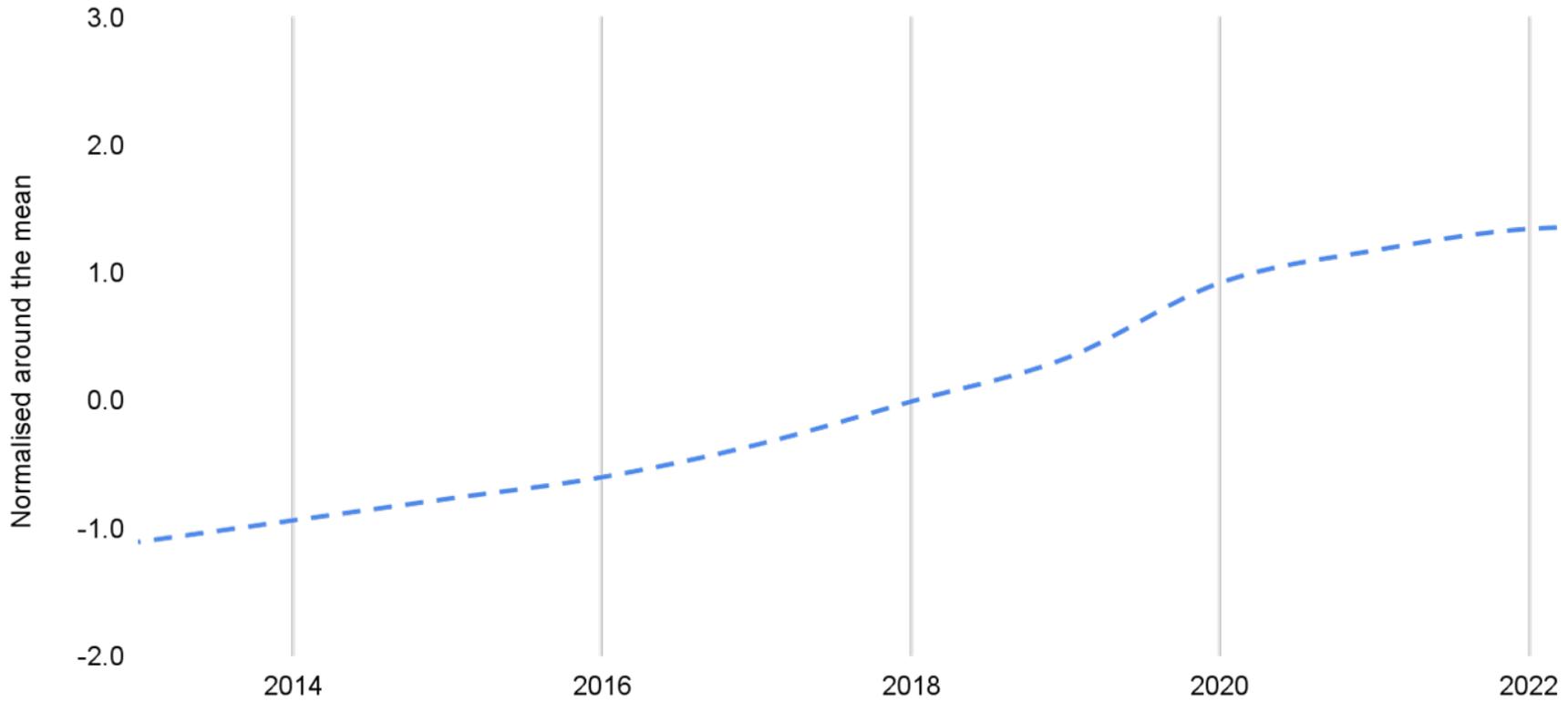


Publishers

Retractions (after publication)

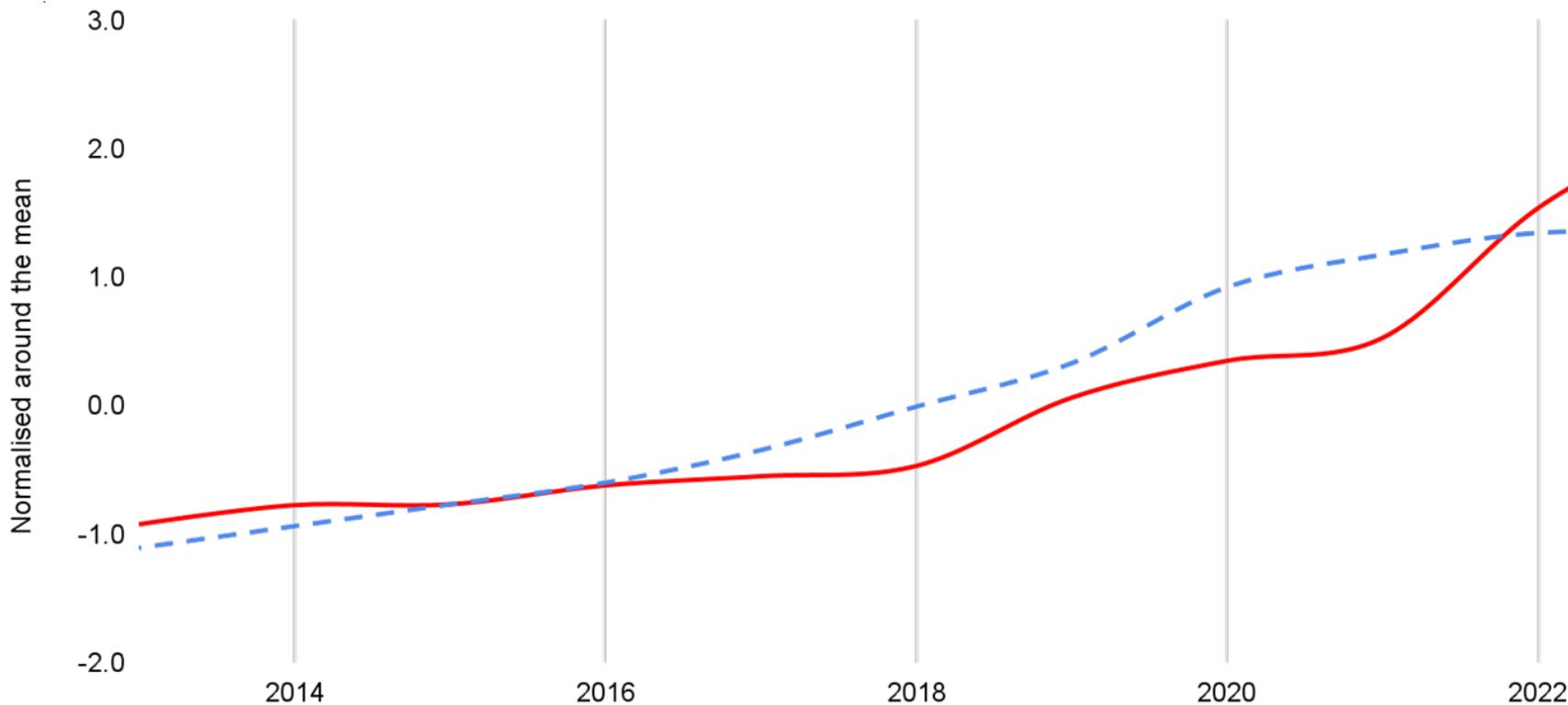
Growth: Retractions

Growth: Publications

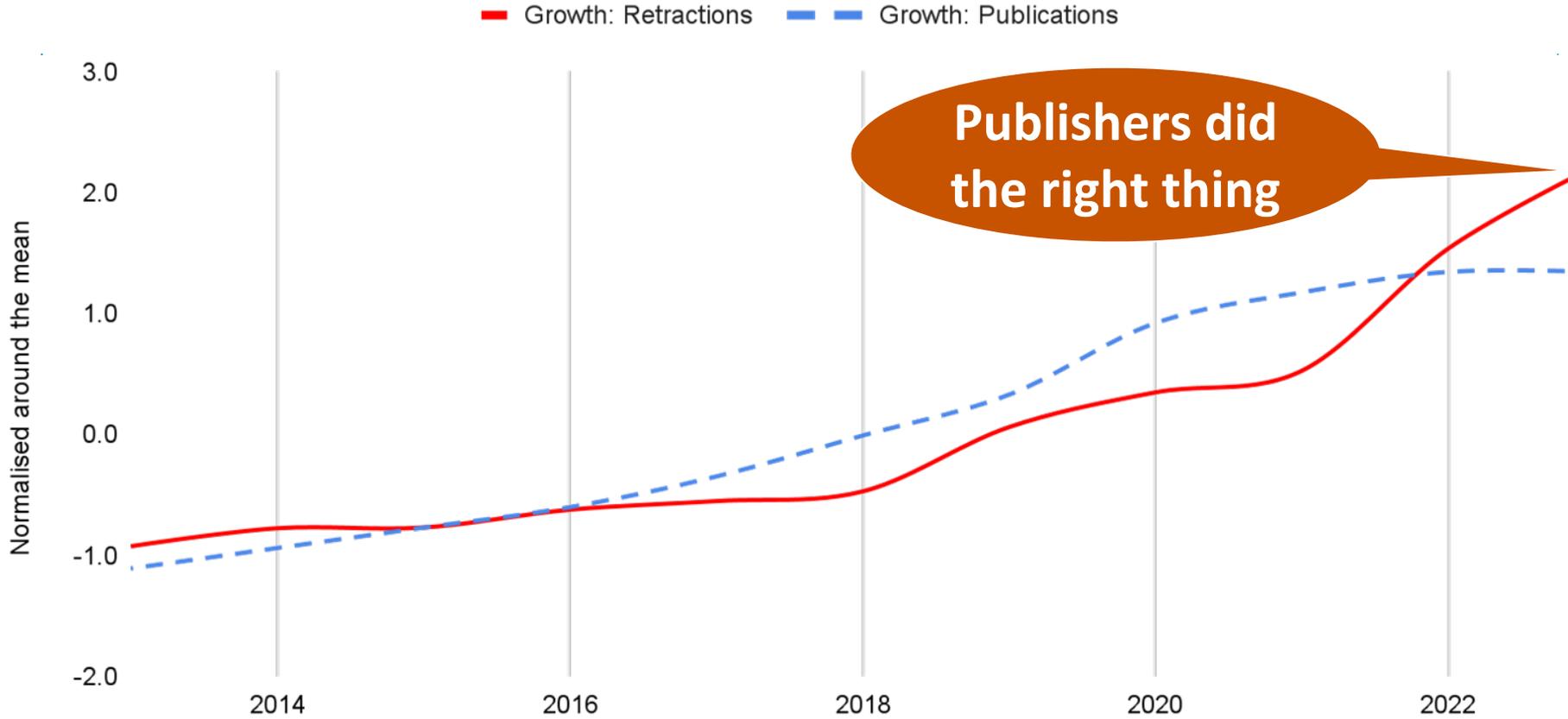


Retractions (after publication)

— Growth: Retractions - - - Growth: Publications



Retractions (after publication)

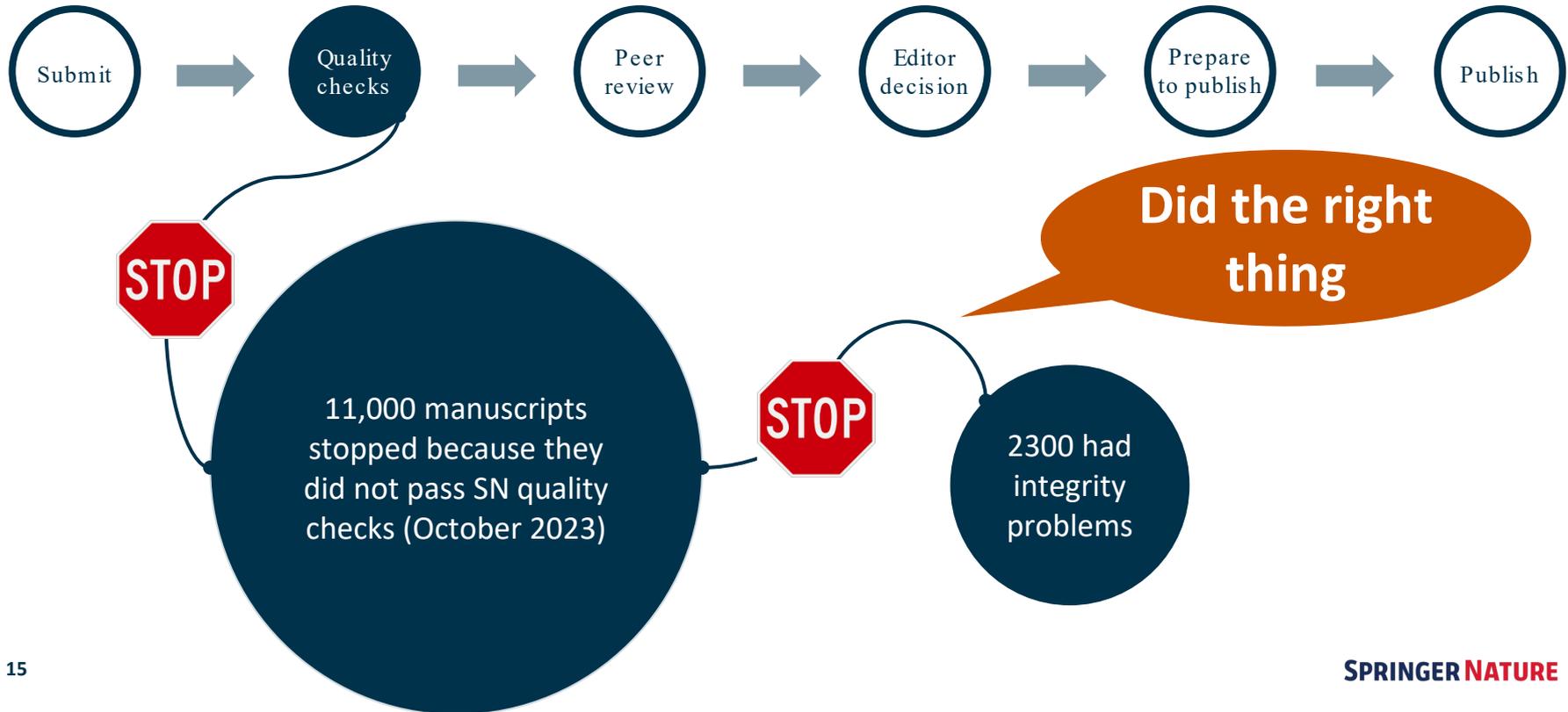




Technology and people

Problem prevention (before publication)

Springer Nature removes articles with integrity problems before peer review



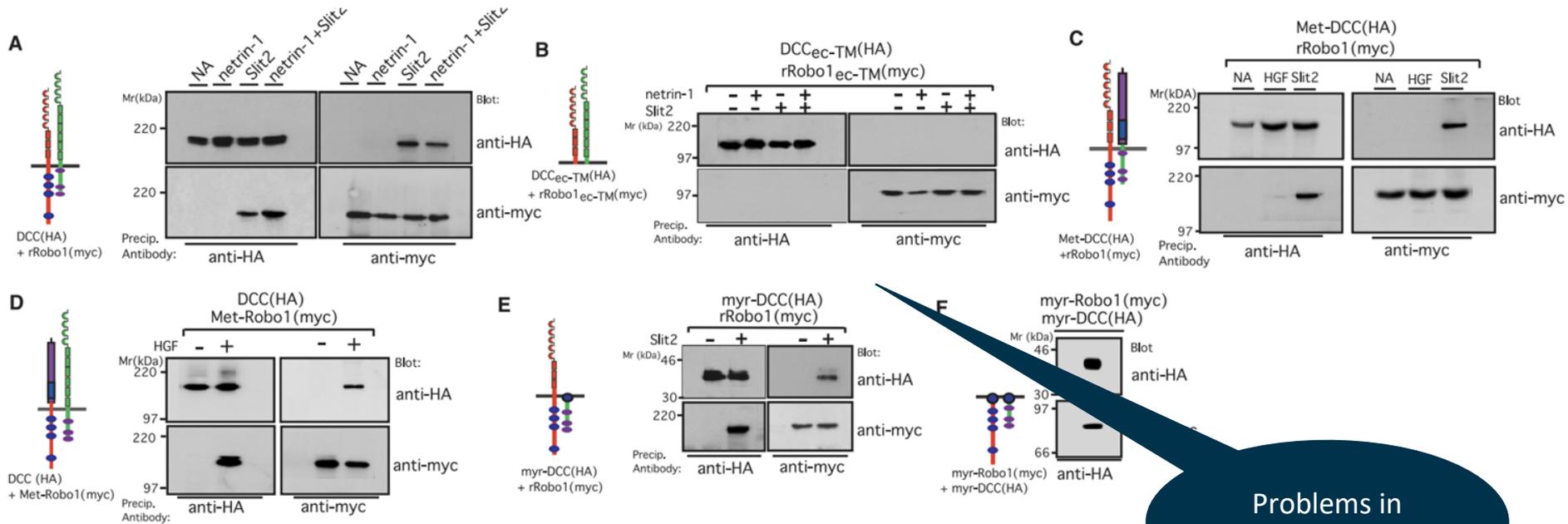
LLM vs. LLM

Geppetto, launched 20 November 2023

Distribution of
earthquake activity in mountain area
based on **embedded system** and
physical fitness detection of basketball

University president resigns after investigation

<https://www.nature.com/articles/d41586-023-02438-3>



Problems in western blots

<https://www.science.org/doi/10.1126/science.adg2860>

<https://www.science.org/doi/10.1126/science.1058445>

The screenshot shows a Microsoft Teams meeting interface. On the left is a navigation pane with icons for Home, Chat, Meetings, and Files. The main area displays a presentation slide with the following content:

Introduction to the new Microsoft Teams

The new Microsoft Teams is a collaboration hub that brings together people, content, and conversations. It is designed to be the central place for your organization's work.

Key features include:

- Unified communication: Combining chat, meetings, and calls in one place.
- Integration with Office 365: Seamless access to Word, Excel, PowerPoint, and OneDrive.
- Customizable workspace: Ability to create channels for different teams and projects.
- Mobile apps: Access your work from anywhere, on any device.

The slide also features a diagram showing a grid of icons representing various collaboration tools and their integration with Office 365 applications.



Guest by 1 (10:00)

Resources

New: April 2023

Free

Research Integrity: An Introduction for Researchers

Research integrity is a key topic for everyone involved in science. However, it can present a bewildering array of topics, and early career researchers may receive little or no formal training in this area. How can you avoid common pitfalls and ensure your work is of the best possible standard? This course aims to give you an overview of the main areas in both research ethics and publication ethics.

We have designed this tutorial with early career researchers in mind, across all scholarly fields. Whether your work involves traditional lab work, field work or research that is literature or theory based, the principles of research ethics and publication ethics are still critical.

You will also have the opportunity to check your understanding with quiz questions as we go.



English



Self-paced



45 minutes



Access the course





Menu

New:
September 2023

Free

Home > On-demand Courses > Write & publish

Research Integrity: Publication Ethics



For researchers in the natural sciences who want to improve their understanding of how to **publish research ethically and with integrity**



7 experts in publication ethics, including a Nature Portfolio journal Chief Editor, Caltech's Chief Research Policy Officer and an elected member of the Committee on Publication Ethics (COPE) Council



Free course - available to all users who register

8 hours of learning
10-40-minute lessons

3-module course with a course certificate

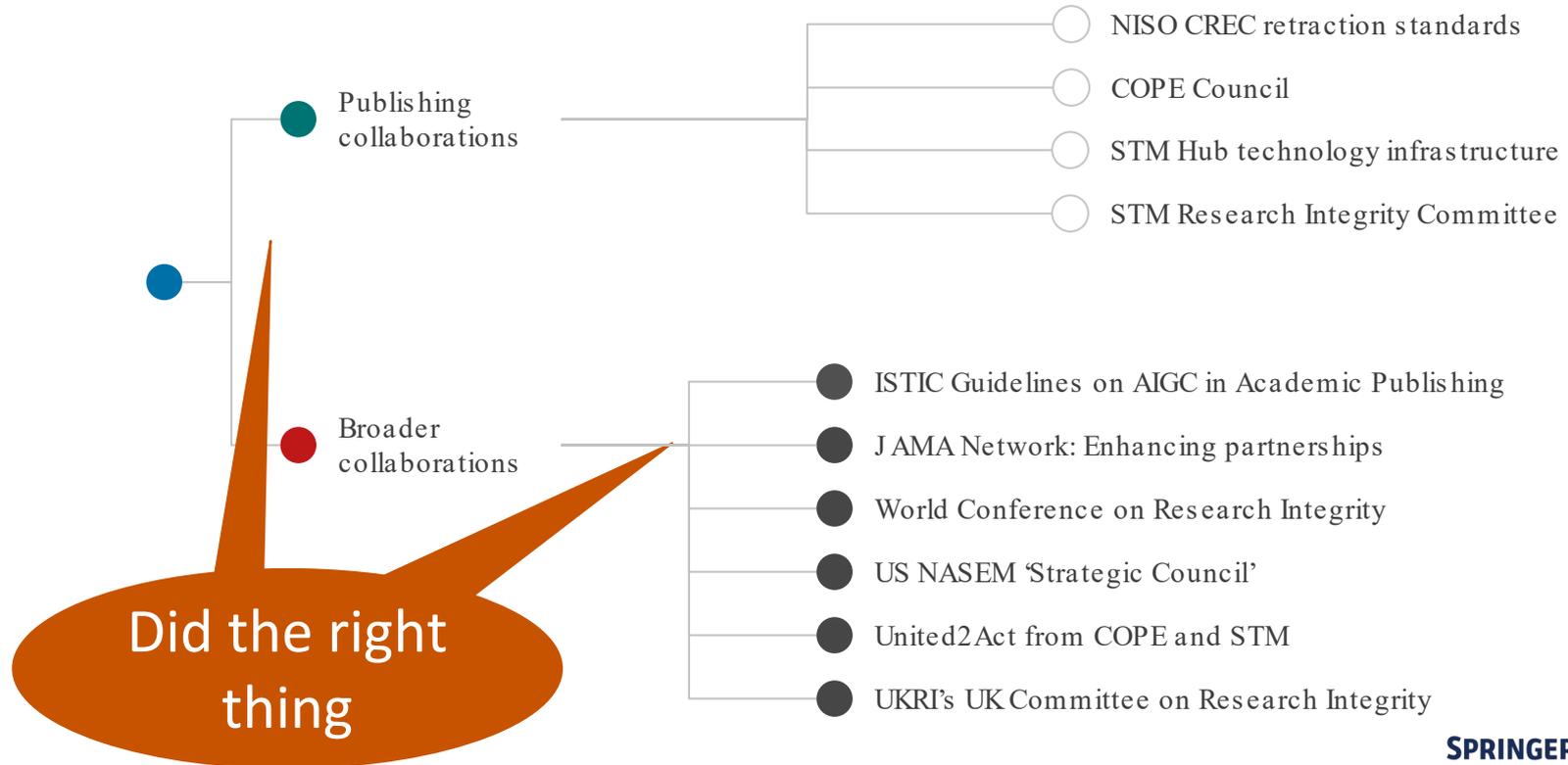
<https://masterclasses.nature.com/publication-ethics/25567404>



Collaboration

Better, together

Collaborations in Research Integrity, examples





Thank you