



Elisabeth Bik ✓ @elisabethbik.bsky.social · 16d

After lunch, I will be hopping around rooms. I start with Symposium 2A. First speaker: Sabina Alam, VP of Publishing Ethics And Integrity, Taylor & Francis, with 'Working Together to Tackle Cross-stakeholder and Regional Challenges to Research Integrity - Outcomes from Joint Actions'

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SA: Our top concerns are data and image integrity and peer review. See our 2023 report (link below). In the last two years we see additional trends, such as bribery attempts of editors or staff, author identities, fake journal websites.

insights.uksg.org/articles/10...

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Trends in research integrity concerns and the evolving role of the publisher | Insights

insights.uksg.org

2 comments 1 like



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SA: Several collaborations addressing research integrity challenges, such as jamanetwork.com/journals/jam..., United2Act, and the T&F CAS Library Joint Research Integrity Lab: newsroom.taylorandfrancisgroup.com/research-int...

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Enhancing Partnerships of Institutions and Journals to Address Concerns About Research Misconduct

This recommendations statement describes current issues with communication between institutions and journals regarding concerns of research falsification, fabrication, or plagiarism and recommends spe...

jamanetwork.com

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SA: Survey revealed that only half of researchers had access to training. All groups concerned about paper mills, even if they were already using third-party services. Lots of confusion about what was ok. This led to a set of recommendations, defining responsibilities for training.

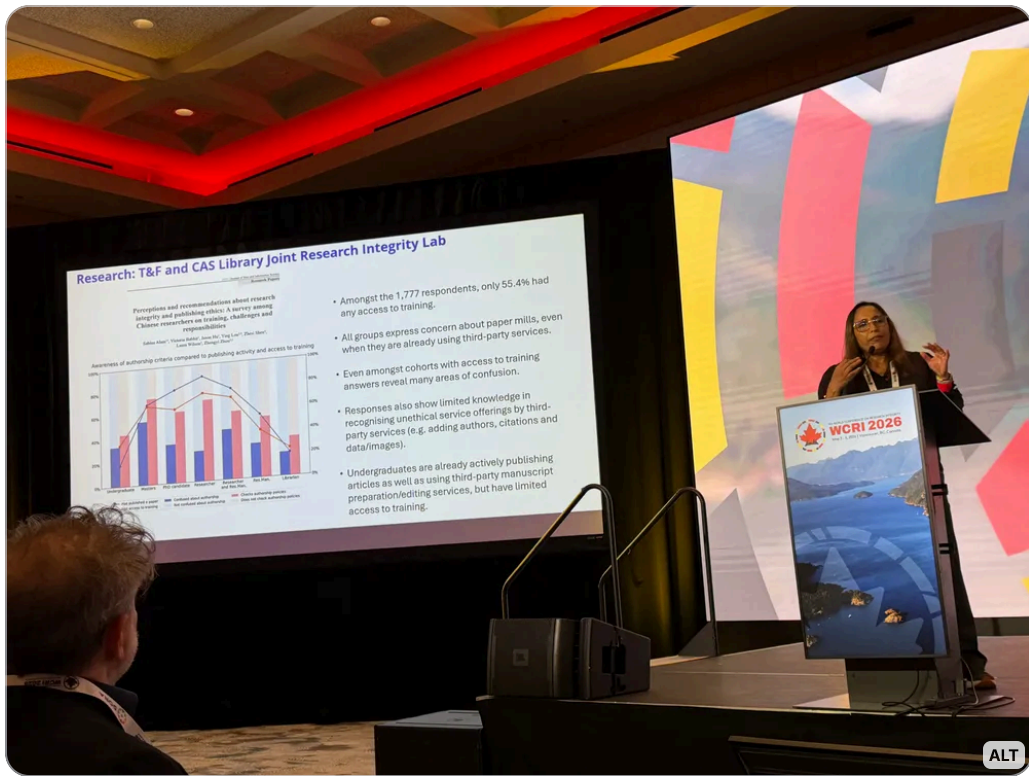
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Switching to Oral Session 2D, without any specific focus. Session 2B also sounded very interesting ("Vancouver Reporting Standard for AI Disclosure in Research") but the room was completely packed. Sometimes talk that will attract the biggest audience are put in the smallest rooms.

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Next: Rosemarie De La Cruz Bernabe with 'The Ethical Blind Spots of Open Science: Examining the Assumptions of Neutrality, Universality, and Trust'

Open Science is sold as an ethical upgrade; it is at the centre of European research policy - but we also want to ring the bell of caution.

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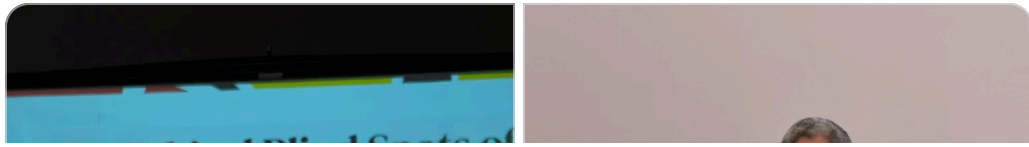
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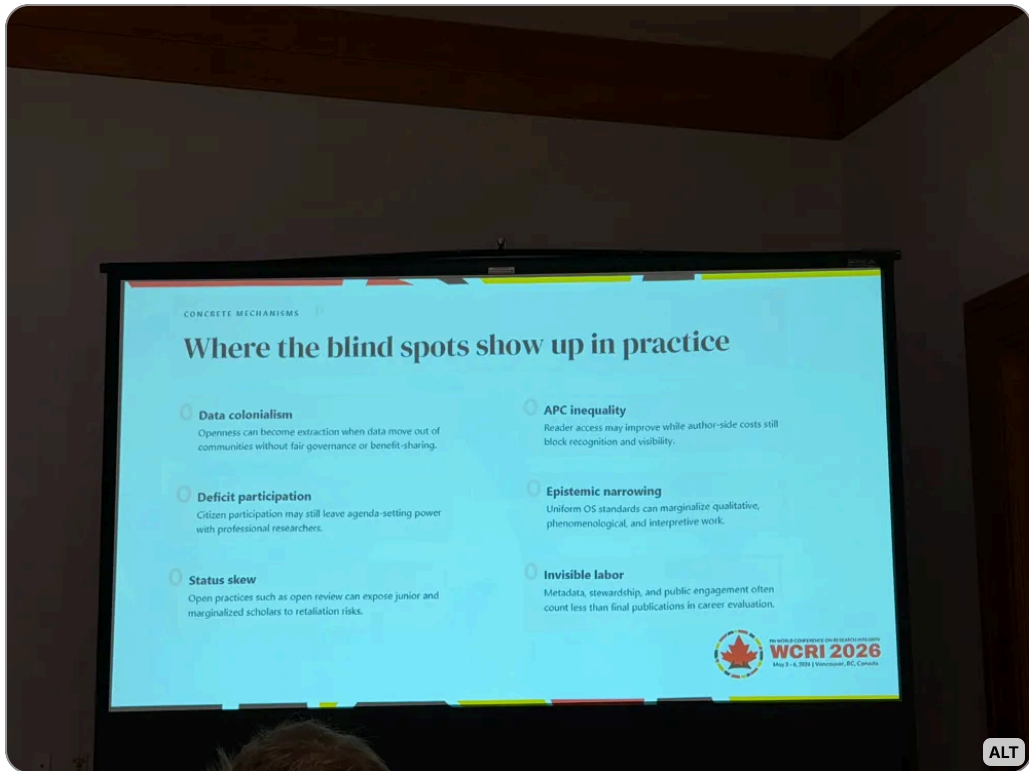


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RCB: We have several blind spots:

- * Neutrality is not neutral.
 - * Universality hides unequal burdens (high APCs, infrastructure gaps).
 - * Transparency does not automatically create trust.
- Openness does not profit all - data colonialism, APC inequality, not-appreciated invisible labor

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Next: René Aquarius with 'Inappropriate Image Duplication and Manipulation in Preclinical Osteosarcoma Research

Theme: Breaches of research integrity'

Osteosarcoma is a rare disease, mainly in children. But so many retracted papers:

www.esmooopen.com/article/S205...

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A special jubilee: 100 fake osteosarcoma articles

We are clinical researchers leading some of the largest and most influential study groups on a rare cancer, osteosarcoma. From time to time, we screen the



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literature
to learn what is new for this dise...

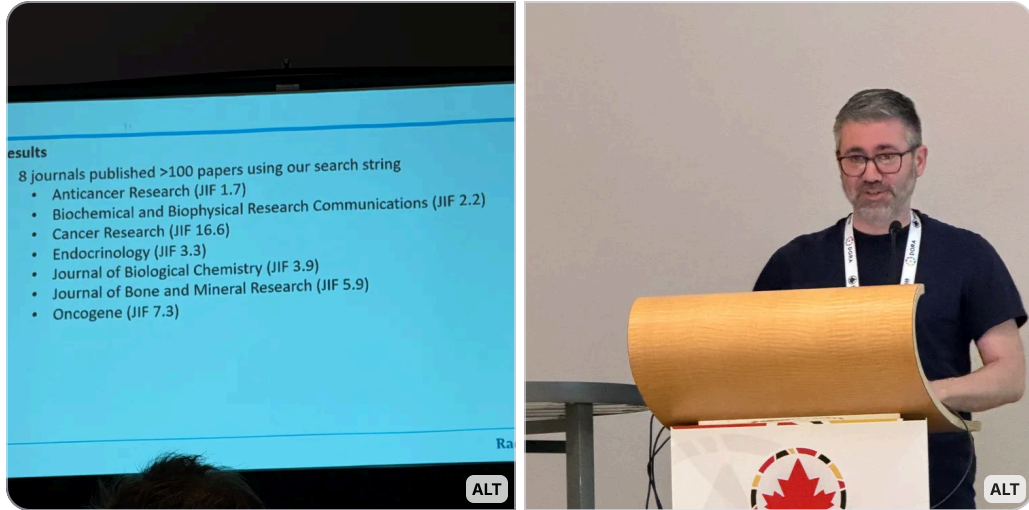
www.esmooopen.com



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RA: We looked at 1053 preclinical papers on Osteosarcoma, and used ImageTwin to check for image duplication within images, between figures, or between papers, or if a paper was retracted. All posted on PubPeer. We focused on 8 journals that have published >100 papers on Osteosarcoma.

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RA: In the whole set, 12% of papers had problems. Some journals such as Anticancer Research, did really well.

But other journals (BBRC, 14%; Oncotarget, 36.5%) did poorly.

Oncotarget never published on the topic, and then appear to have been targeted by a paper mill.

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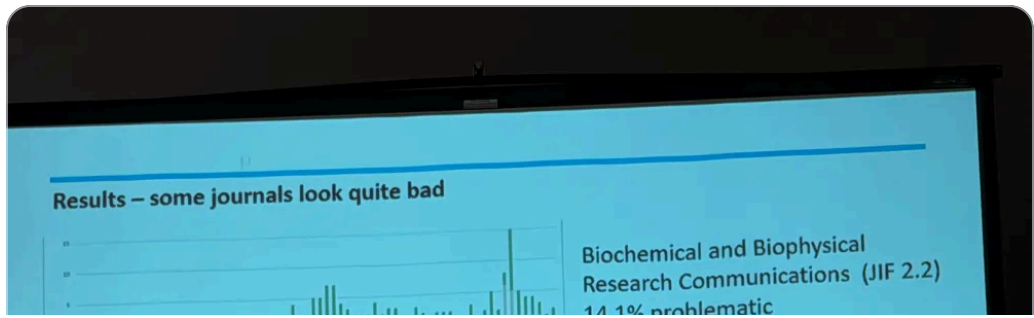
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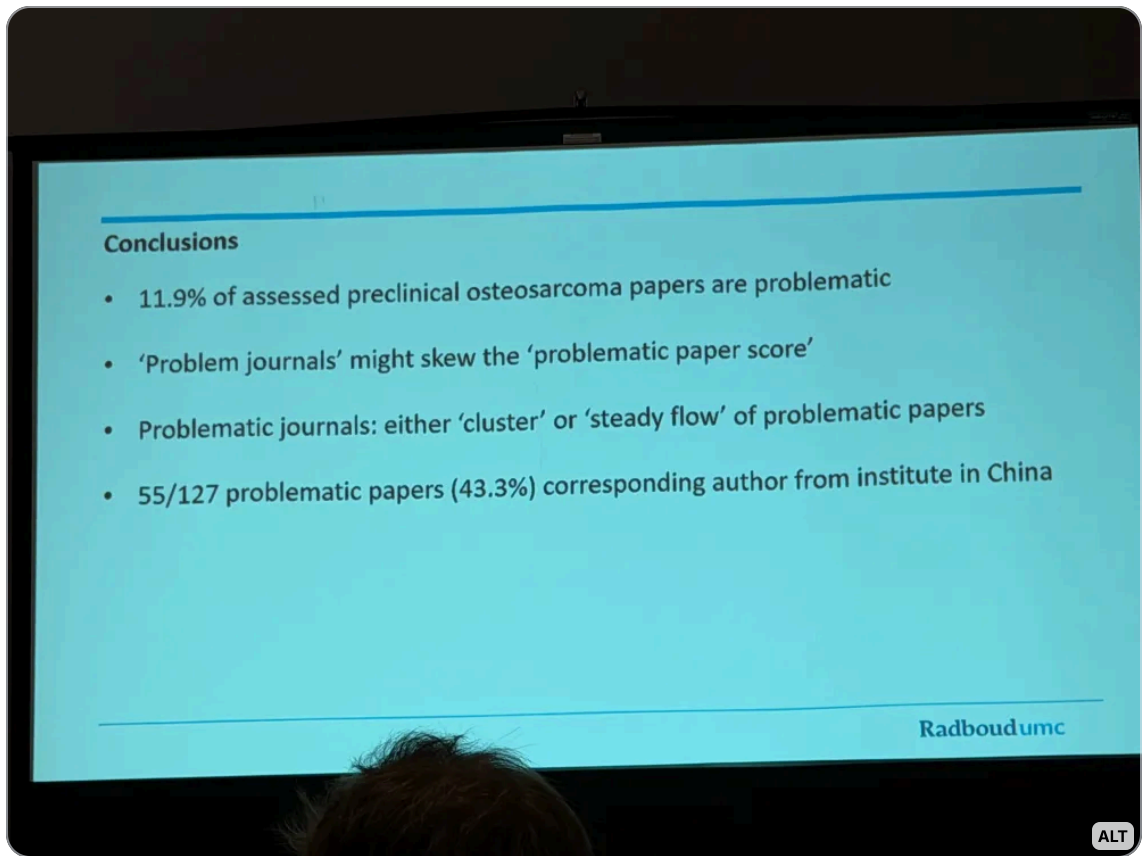
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RA: Overall, problems seem to have been limited to certain journals and countries (about 50% of papers from China had problems). We did check all problems by eye, we do not solely rely on the software. it is also likely we missed problems.
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2:32 PM · May 4, 2026

4 likes

2 comments, 4 likes, and share options.



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- 3. T
- 4. M
- 5. E

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Next: Suresh Baral, School of Engineering, Pokhara University with 'Modeling the Carbon Emission Impact of Research Integrity Failures in Artificial Intelligence'

Improper AI practices reduce research validity and waste computational resources.

[airdrop not working now, so no photos]

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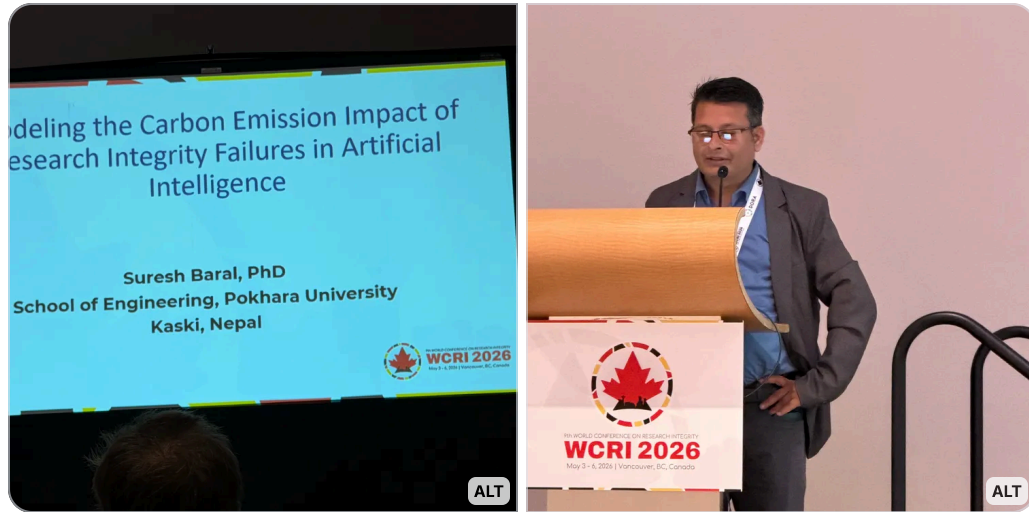
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SB: Refers to Richardson et al. 2025: www.pnas.org/doi/abs/10.1...

Network analysis reveals coordinated fraudulent papers.

Can we measure how unethical AI practices result in environmental costs such as increased energy use and carbon emissions?

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SB: Carbon Emission model with lots of assumptions and parameters.

Each AI execution model consumes 520 kWh

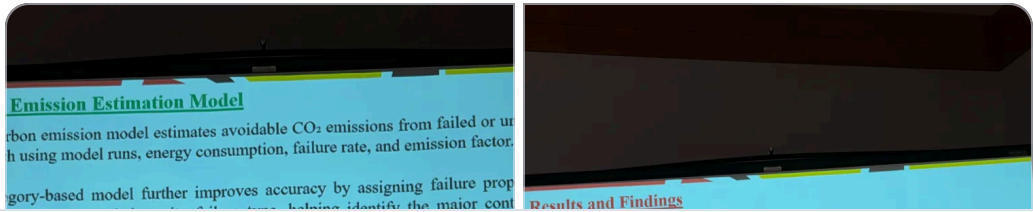
Assuming 2200 AI runs: 1M kWh: even a small ethical failure rate creates major environmental consequences.

Research misconduct is not just an academic issue!

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Kyle MacQuarrie MD PhD @kylemacquarrie.bsky.social · 16d

Well, as a pediatric oncology sarcoma researcher, I'm glad to see people are digging into this but good lord this is disturbing.



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