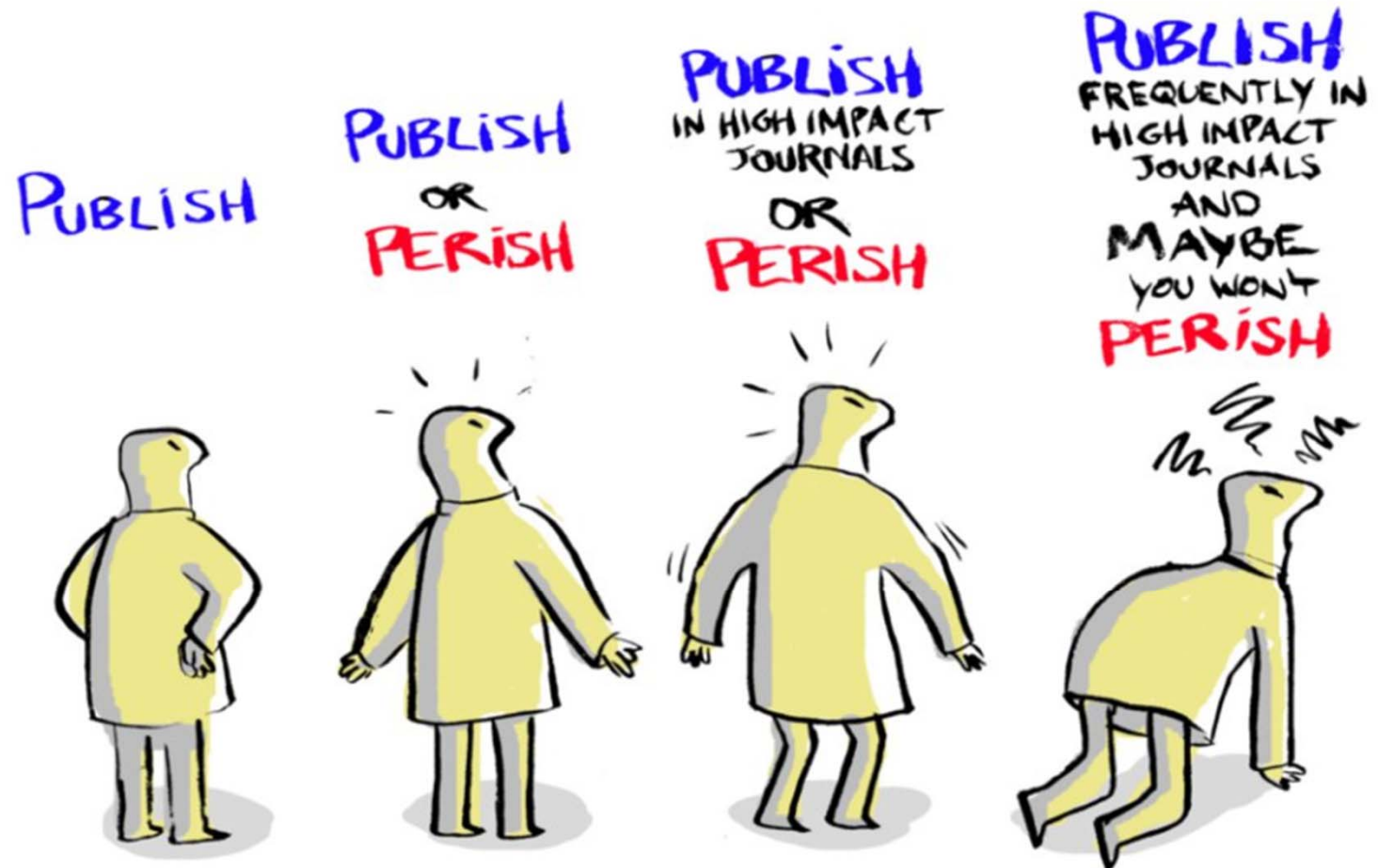


On the importance of rewarding Open Science practices



THE EVOLUTION OF ACADEMIA

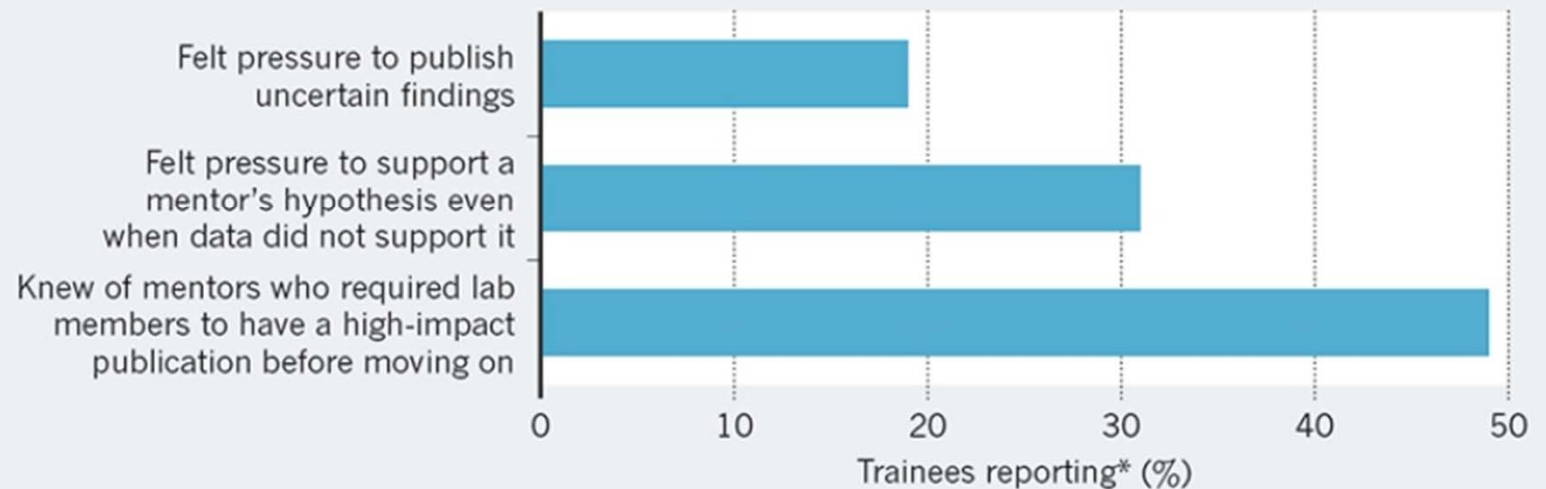


facebook.com/pedromics

“In many laboratories, the incentives to be first can be stronger than the incentives to be right.”

PRESSURED FINDINGS

A survey of US biomedical trainees suggests that the push to publish spurs unreliable results.



*Online survey of ~140 trainees at the MD Anderson Cancer Center in Houston, Texas.

Some consequences

Report finds massive fraud at Dutch universities

Investigation claims dozens of social-psychology papers contain faked data.

Ewen Callaway

When colleagues called the work of Dutch psychologist Diederik Stapel too good to be true, they meant it as a compliment. But a preliminary investigative report (go.nature.com/tqmp5c) released on 31 October gives literal meaning to the phrase, detailing years of data manipulation and blatant fabrication by the prominent Tilburg University researcher.



IS THERE A REPRODUCIBILITY CRISIS?



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<https://www.nature.com/news/1-500-scientists-lift-the-lid-on-reproducibility-1.19970>

Response

- Most funders and institutions have now policies on data management and sharing
- Publishers now require data to be shared

Grant interview questions

Major national funder with policies on data management and sharing

- “Why only one publication during your PhD?”
- “It seems you have a lot of publications compared to your peers, shouldn’t you try to get more publications specifically in top journals?”
- “What do you think yourself of your visibility and your low h-index”

This leads to frustrations...



The screenshot shows the top navigation bar of the Nature journal website. It includes a 'MENU' dropdown, the 'nature' logo with the tagline 'International journal of science', and utility icons for Search, E-alert, and Subscription. Below the navigation bar, there are tabs for 'News & Comment' and 'Research'. A secondary navigation bar lists categories: News, Opinion, Research Analysis, Careers, and Books & Culture. The main content area features a 'WORLD VIEW' section dated '19 JUNE 2018'. The article title is 'How will you judge me if not by impact factor?'. The author's name is 'John Tregoning', accompanied by a circular profile picture. A short bio reads: 'Stop saying that publication metrics don't matter, and tell early-career researchers what does, says John Tregoning.' Below the bio, there is a link to 'John Tregoning' with an email icon. Social media sharing icons for Twitter, Facebook, and Email are present. At the bottom of the article preview, the text 'Rumours among junior faculty members are that reports of the death of' is visible, followed by a 'PDF version' link.

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