

assuring the vaccines are safe and actually work to protect against COVID-19 in large phase III clinical trials.”

But little is known about phase III trial plans for the Gamaleya vaccine. “I simply haven’t managed to find any published details of a protocol,” says Danny Altmann, an immunologist at Imperial College London. He hopes the trial is closely tracking the immune responses of participants and looking out for any side effects.

The head of a Russian government-owned investment fund said the vaccine would go through phase III testing in the United Arab Emirates, Saudi Arabia and other countries, according to the state-owned TASS Russian News Agency. The official said that purchase requests for one billion doses had been received from 20 countries in Latin America, the Middle East, Asia and elsewhere, and that manufacturing capacity was in place to produce 500 million doses, with plans for expansion.

‘Ridiculous authorization’

Altmann is concerned that the vaccine could cause people who receive it and are then infected with SARS-CoV-2 to experience an exacerbated form of disease that occurs when antibodies generated by a vaccine carry the virus into cells. Another problem could be an asthma-like immune reaction that became an issue with some experimental vaccines against the related virus that causes SARS (severe acute respiratory syndrome). To spot these reactions, researchers would have to compare results from thousands of people who received a vaccine or placebo and then might have been exposed to SARS-CoV-2.

“It’s ridiculous, of course, to get authorization on these data,” says Svetlana Zavidova, head of Russia’s Association of Clinical Trials Organizations in Moscow, which works with international pharmaceutical companies and research organizations. Without a completed phase III trial, Zavidova also worries that it will not be clear whether the vaccine prevents COVID-19 or not – and it will be difficult to tell whether it causes any harmful side effects, because of gaps in how Russia tracks the effects of medicines. “Our system for safety monitoring, I think, is not the best,” she says.

Zavidova also worries the vaccine’s approval will be “very harmful” for efforts to run clinical trials of other COVID-19 vaccines and other medicines in Russia.

“Not sure what Russia is up to, but I certainly would not take a vaccine that hasn’t been tested in Phase III,” tweeted Florian Krammer, a virologist at the Icahn School of Medicine at Mount Sinai in New York City. “Nobody knows if it’s safe or if it works. They are putting [health-care workers] and their population at risk.”

CONFERENCES FAILING TO PROTECT LGBT+ RESEARCHERS

Promoting equity, diversity and inclusion at meetings requires more than a code of conduct, analysis finds.

By Smriti Mallapaty

Aysha Tulloch was reluctant to go to a conservation-biology conference in Malaysia, where laws discriminate against people of specific sexual orientations. “It came as quite a shock to me that the discipline I felt was the most accepting and tolerant toward the queer community would choose to have a conference in a place that’s really not queer friendly,” says Tulloch, a conservation scientist at the University of Sydney in Australia.

She did end up going to the meeting in Kuala Lumpur last year, organized by the Society for Conservation Biology (SCB), but she wondered whether the society’s processes for fostering a diverse and inclusive meeting had failed when it chose that location.

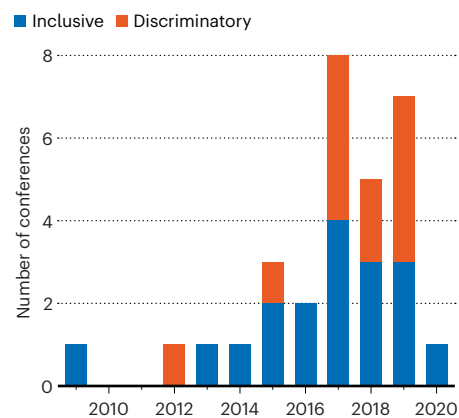
Tulloch went on to analyse policies and practices for supporting equity, diversity and inclusion around gender and sexual orientation, performing the first investigation of this kind. She looked at 30 ecology and conservation conferences held since 2009 and reported the results in *Nature Ecology and Evolution* on 3 August (A. I. T. Tulloch *Nature Ecol. Evol.* <http://doi.org/d6nt>; 2020). Tulloch found that about half of the events had codes of conduct promoting equity, diversity and inclusion. Those conferences were more likely than others to have initiatives that discouraged overt discrimination, such as a point of contact to report misconduct and facilities for breastfeeding and childcare.

No guarantee

But having a code did not always lead to initiatives that reduced implicit biases and barriers to participation, says Tulloch. For instance, conferences with a code were no more likely to advertise pronoun guidelines for name badges, select diverse speakers or choose locations safe for people of all genders and sexual orientations than were events without a code. Almost 40% of the conferences were held in locations where laws and societal norms discriminate against people of specific genders or sexual orientations (see ‘Location, location’). And only two provided information on their websites about how they planned to ensure participants’ general safety, for example by providing shuttle buses for safe transit between venues.

LOCATION, LOCATION

Some 40% of conservation and ecology conferences over the past decade were held in locations where laws and societal norms discriminate against people of specific genders or sexual orientations.



The analysis shows that codes of conduct have limitations, and putting a policy in place is not enough, says Lisa Kewley, an astrophysicist at the Australian National University in Canberra, who advocates for diversity at astronomy conferences.

But others say the analysis assumes that codes of conduct are supposed to promote diversity and inclusion, which is not necessarily their intended purpose. Codes are designed to protect against harassment and to clarify which behaviours will not be tolerated at a meeting, says Robyn Klein, a neuroimmunologist at Washington University in St. Louis, Missouri. They are not meant to have any bearing on diversity of speakers, she says.

Leslie Cornick, a conservation ecologist at the University of Washington Bothell who was chair of the 2019 SCB congress in Malaysia but had no part in deciding the location, agrees that codes of conduct are not necessarily intended to foster diversity, equity and inclusion, although they are a statement of values.

Cornick also notes that when choosing conference locations, organizers have to consider all members, including those who cannot afford to travel long distances.

But Tulloch says that codes are in place to address identity-based discrimination, which includes ensuring that participants have equal access. “The idea that a code is only there to prevent overt misconduct is outdated and incorrect,” she says.