

Russia-West scientific collaboration a casualty of Ukraine war

26 March 2022, by Juliette Collen



ExoMars mission, which had planned to use a Russian rocket to put a European rover on Mars later this year to drill for [signs of life](#).

Aschbacher said a launch was no longer possible until at least 2026—and that the ESA could now look to NASA for help.

It was as a huge blow for the thousands of scientists in Europe and Russia who had been working on the project for years—and came after ExoMars had already been postponed for two years by the Covid-19 pandemic.

Russia-West scientific collaboration that bloomed in the aftermath of the Cold War has been quickly scrapped.

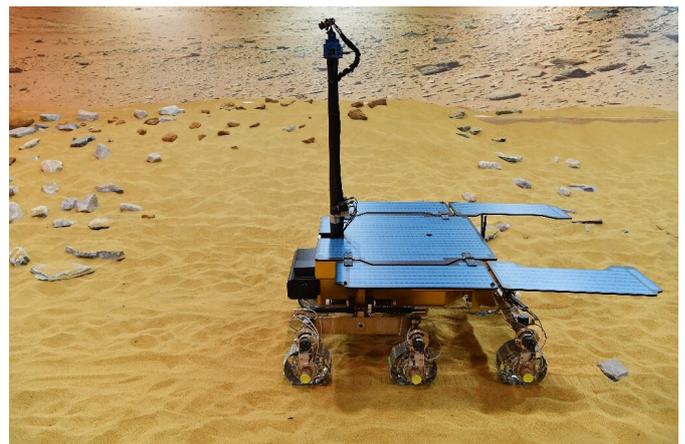
For neuroscience researcher Boris, "everything fell apart" a month ago, when Russia's invasion of Ukraine sent decades-long scientific cooperation with the West crashing back to Earth.

In response to sanctions and moral outrage at Moscow's war, scientific institutes around the world swiftly cut off ties with Russia, including the European Space Agency, the European Organization for Nuclear Research (CERN) and leading US university MIT.

International scientific collaboration that had long symbolised the world coming together in the aftermath of the Cold War—particularly in space—suddenly had to be scrapped, sending many projects back to the [drawing board](#).

When the European Space Agency's director general Josef Aschbacher announced the end of cooperation with Russia, he called it an "agonising decision".

The decision spelled a long postponement for the



Europe's Rosalind Franklin will no longer take a ride on a Russian rocket this year to search for life on Mars.

'Cut off from the world'

For Boris, an American of Russian origin living in France who did want to give his surname, 10 years of work was lost overnight when Russia invaded Ukraine on February 24.

He said he had founded a research centre in Russia to create "a unique cross-border model in the field of neuroscience", in which Russian

students could travel to different laboratories across Europe.

He told AFP the project has not been officially cancelled, but "everything is blocked," in part because PhD students in Russia can no longer pay for their work due to financial sanctions.

Other students have fled Russia after being threatened with being arrested for protesting against the war.

"We talk to each other every day via Skype or Zoom... but we are lost, the war is beyond us," said Boris, whose parents left the USSR in the 1980s as Russia waged war on Afghanistan.

"For students who have not experienced the Soviet era, it is unimaginable to live in a country cut off from the world. They were truly European in their minds."

Nearly 8,000 Russian scientists and academics signed an open letter earlier this month condemning the war after the International Congress of Mathematicians scheduled to be held in Saint Petersburg in July was called off.

"The many years spent strengthening Russia's reputation as a leading centre of mathematics have been completely scuppered," the letter said, calling Russia "the military aggressor and, accordingly, a rogue state".

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