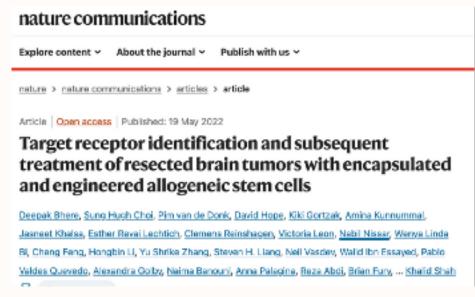
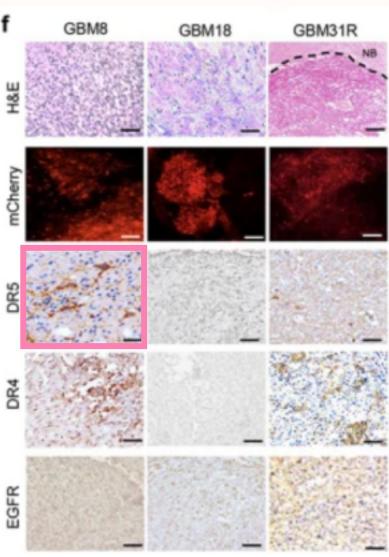


Pink Boxes highlight a panel in Figure 1F in the 2022 paper (right) that looks identical to a higher resolution panel found on the website of Fisher Scientific, a vendor selling antibodies. https://www.fishersci.com/shop/products/mouse-rat-butyrylcholinesterase-bche-antibody-r-d-systems/p-7064013

The different labels () suggest that the panels represent different experiments





Problems in Harvard Medical School studies include images taken from other researchers' papers and vendor websites I Elisabeth Bik 2024

## Elisabeth Bik



Elisabeth Margaretha Bik 1966 (age 57-58)

Alma mater Utrecht University (MSc, PhD)

Scientific career

Institutions Stanford University

Thesis

Cholera: vaccine development and evolution of epidemic ≥ Vibrio cholerae strains 
☑ (1996)

## HOW A SHARP-EYED SCIENTIST BECAME BIOLOGY'S IMAGE **DETECTIVE**

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By Ingfei Chen

June 23, 2021

New Yorker, 2021

**Wikipedia** 

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Nature, 2020

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Elisabeth Margaretha Harbers-Bik (born 1966) is a Dutch microbiologist and scientific integrity consultant.[1] Bik is known for her work detecting photo manipulation in scientific publications, [2][3][4] and identifying over 4,000 potential cases of improper research conduct, [5] including 400 research papers published by authors in China from a research paper mill company. Bik is the founder of Microbiome Digest, [6] a blog with daily updates on microbiome research, and the Science Integrity Digest blog. [7][8]

Bik was awarded the 2021 John Maddox Prize for "outstanding work exposing widespread threats to research integrity in scientific papers". [9]

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Elisabeth Bik quit her job to spot errors in research papers — and has become the public face of image sleuthing.