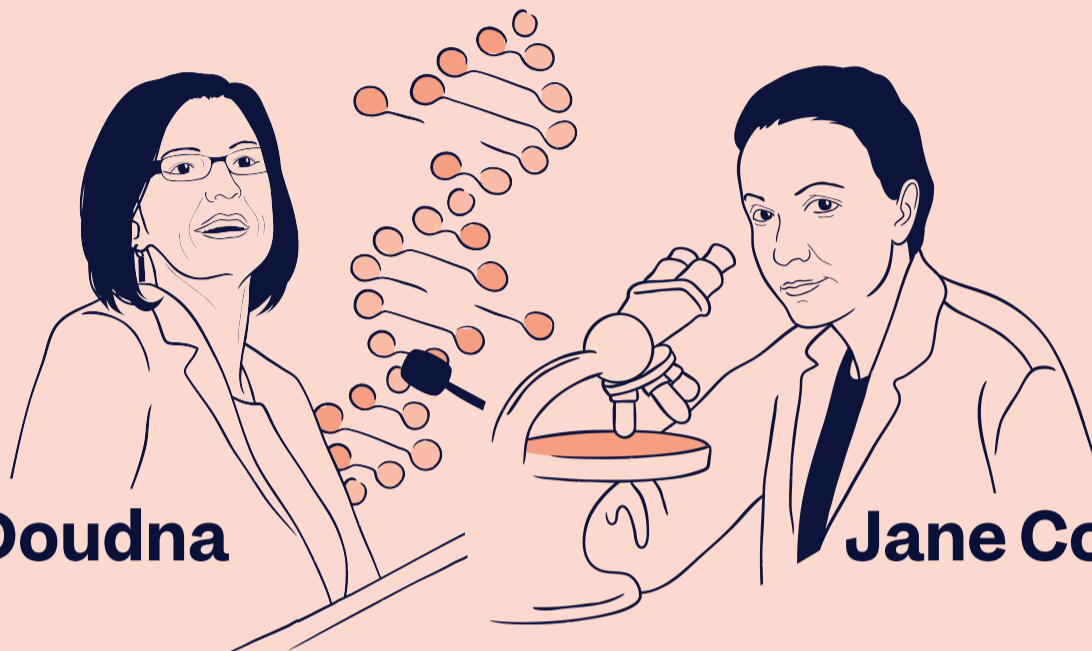


# Pioneering women in life sciences

A tiny selection of remarkable researchers and their transformative achievements to encourage women throughout STEM careers

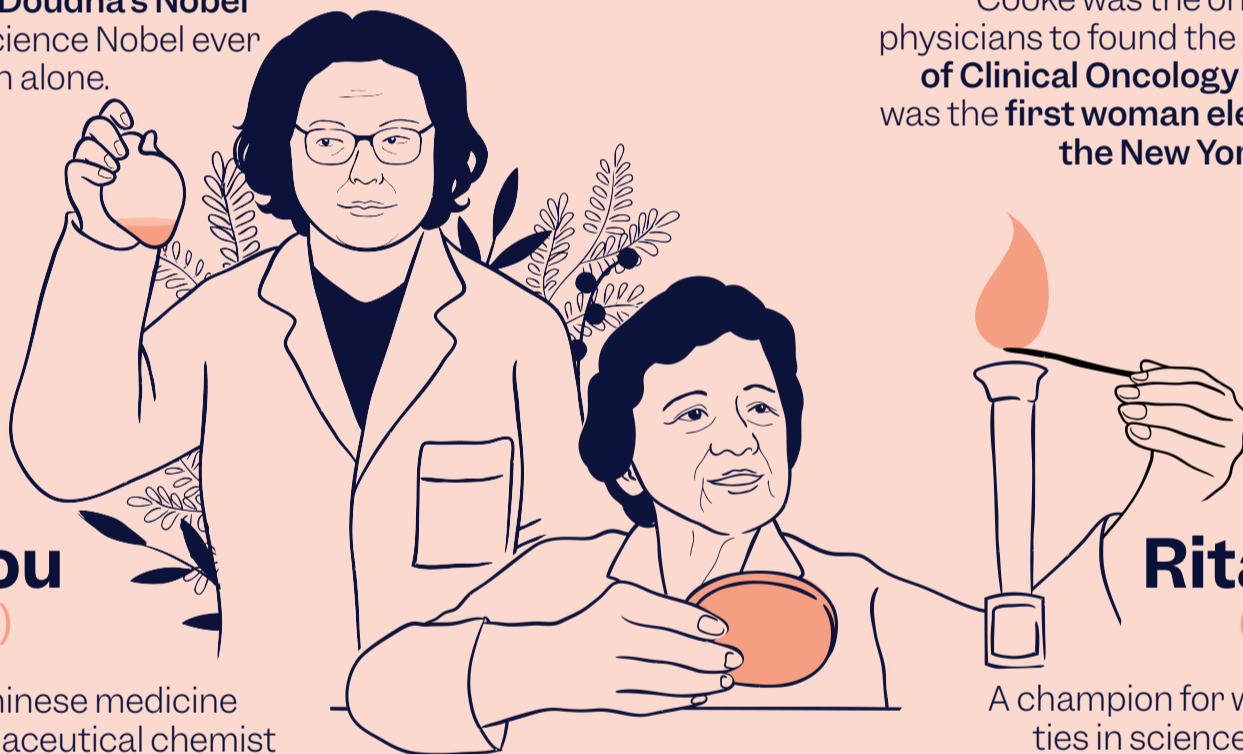


**Jennifer Doudna**  
(1964-present)

Charpentier and Doudna's Nobel Prize is the first science Nobel ever won by two women alone.

**Jane Cooke Wright**  
(1919-2013)

Cooke was the only woman among 7 physicians to found the **American Society of Clinical Oncology** in 1964. In 1971, she was the **first woman elected president of the New York Cancer Society**.

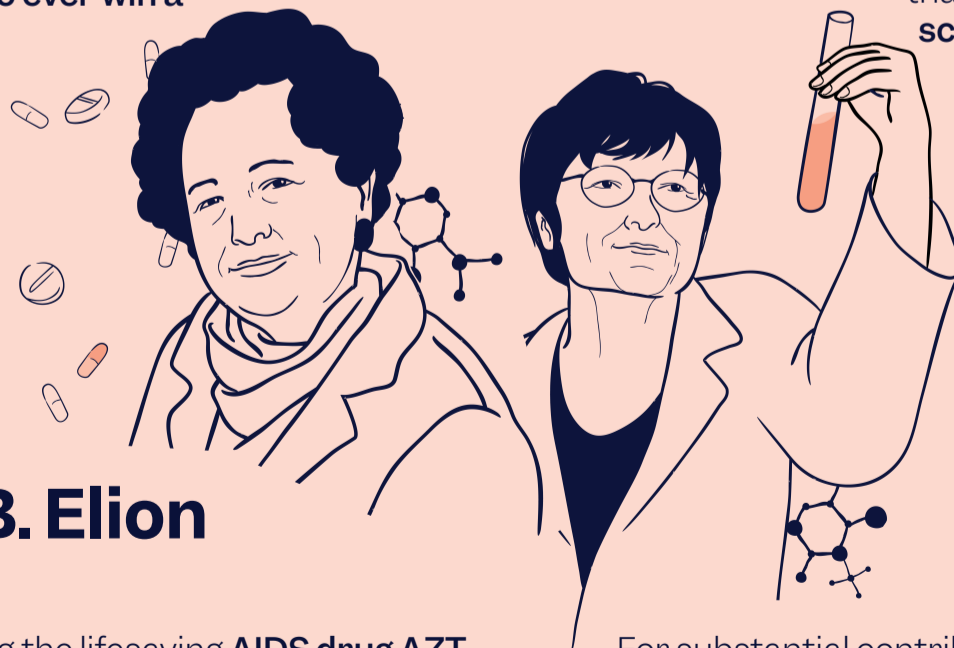


**Tu You You**  
(1930-present)

The Traditional Chinese medicine expert and pharmaceutical chemist Tu Youyou's herbal discovery is the **first Chinese woman to ever win a Nobel Prize**.

**Rita Colwell**  
(1934-present)

A champion for women and minorities in science. She's credited for doubling the funding to an initiative that **supports women in academic science and engineering careers**.



**Gertrude B. Elion**  
(1918-1999)

Most known for creating the lifesaving **AIDS drug AZT**, but she also developed other effective antivirals, anti-cancer drugs and immunosuppressives that are used to fight rejection of organ transplants.

Her new technique using a method coined '**rational drug design**' led to her winning the **Nobel Prize** in 1988.

**Katalin Karikó**  
(1995-present)

For substantial contributions to the therapeutic use of mRNA and the development of COVID-19 vaccines, she has won more than a dozen prestigious science awards and named **Time Magazine's Hero of the Year**.