

TODAY IN CHEMISTRY HISTORY

23RD JANUARY – GERTRUDE B. ELION'S BIRTHDAY



GERTRUDE B. ELION

BORN

23 January 1918

DIED

21 February 1999

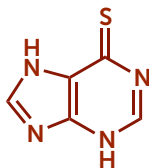


1988



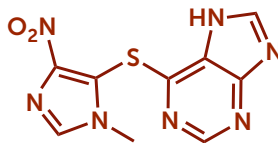
Elion was jointly awarded the 1988 Nobel Prize in Physiology or Medicine for work on the development of a number of drugs, based on biochemical differences between human and pathogen cells.

Working both alone and with George Hitchings, Elion discovered new drugs against a variety of diseases. Her name appears on 45 different patents and she was awarded 25 honorary doctorates.



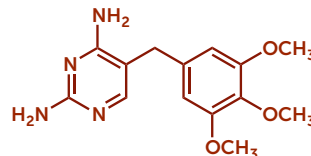
MERCAPTOPYRINE

first treatment for leukemia



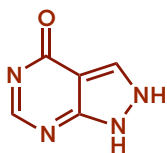
AZATHIOPRINE

to prevent transplant rejection



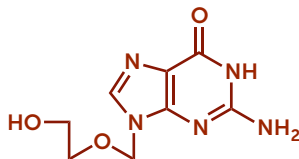
TRIMETHOPRIM

antibiotic



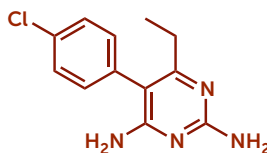
ALLOPURINOL

treatment for gout



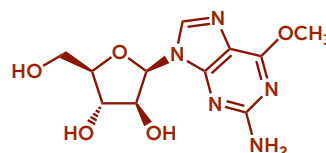
ACICLOVIR

antiviral for herpes infections



PYRIMETHAMINE

for malaria and toxoplasmosis



NELARABINE

treatment for cancer



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