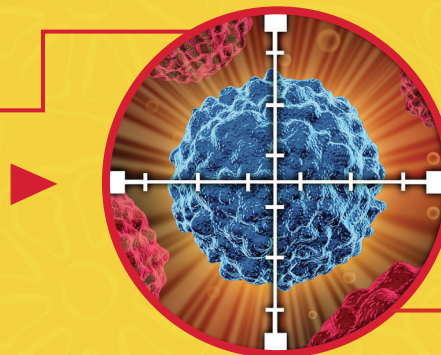


# What is Bromelain?



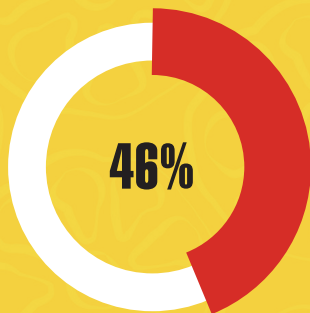
**Bromelain** is a **proteolytic enzyme** – an enzyme which breaks down protein – that is found naturally in the stems of pineapples.

Inside our bodies, many unhealthy cells “disguise” themselves from the immune system using a **protective protein shield**.



Proteolytic enzymes like **bromelain** can help identify and promote the removal of unhealthy cells.

Bromelain helps the body to produce enzymes that **SUPPORT** normal healing.



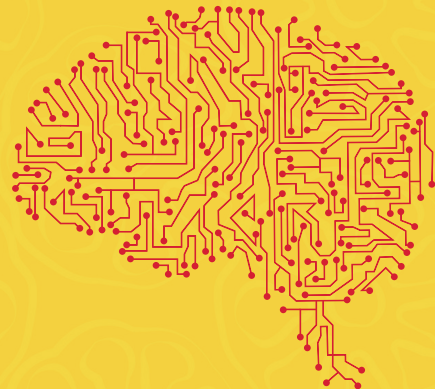
Urinary tract infections cured with antibiotics only.



Urinary tract infections cured with antibiotics in combination with bromelain.

**Fact:** Bromelain has been studied for its ability to enhance the effect of the antibiotics. In a study of people with urinary tract infections, **100% of participants given antibiotics in combination with bromelain were cured of their infection**, compared to just 46% who received antibiotics alone.

Source: Mori S, Ojima Y, Hirose T, Sasaki T, Hashimoto Y. The clinical effect of proteolytic enzyme containing bromelain and trypsin on urinary tract infection evaluated by double blind method. Acta Obstet Gynaecol Jpn. 1972;19(3):147-153.



Bromelain also contains components that interfere with the growth of tumour cells and other unhealthy cells, thereby it may help the body to **HEAL** and **RECOVER** normally.

**Fact:** Glioma tumour cells studied displayed reduced adhesive, migratory and invasive properties following bromelain treatment. Results showed a **43% difference in tumour migration in brain tissue** between bromelain-treated group compared to control group.

Source: Berit B Tysnes, H Rainer Maurer, Torsten Porwol, Beatrice Probst, Rolf Bjerkvig, and Frank Hoover. Bromelain Reversibly Inhibits Invasive Properties of Glioma Cells. Neoplasia. 2001 November; 3(6): 469–479.