

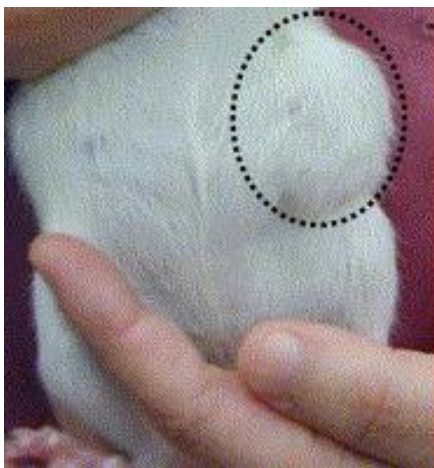
1st Preclinical Study

The rat study was conducted at Johns Hopkins in 2000 after Dr. Ko discovered 3BP's anticancer effects.

- Rats were seeded with advanced hepatocellular carcinoma tumors (2-3cm).
- Rats were injected with KAT formulation weekly for 4 weeks.
- Tumors eradicated in 19/19 treated rats. 15/15 in control group euthanized. [1] [2]
- All treated rats were observed until dying of natural causes. There were no recurrences.

[1] <https://www.ncbi.nlm.nih.gov/pubmed/15465013>

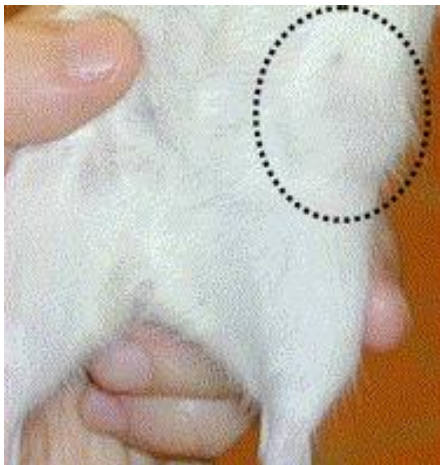
[2] http://articles.baltimoresun.com/2005-01-08/news/0501080027_1_bp-cancer-research-center-ko



Initial Tumor



One Week

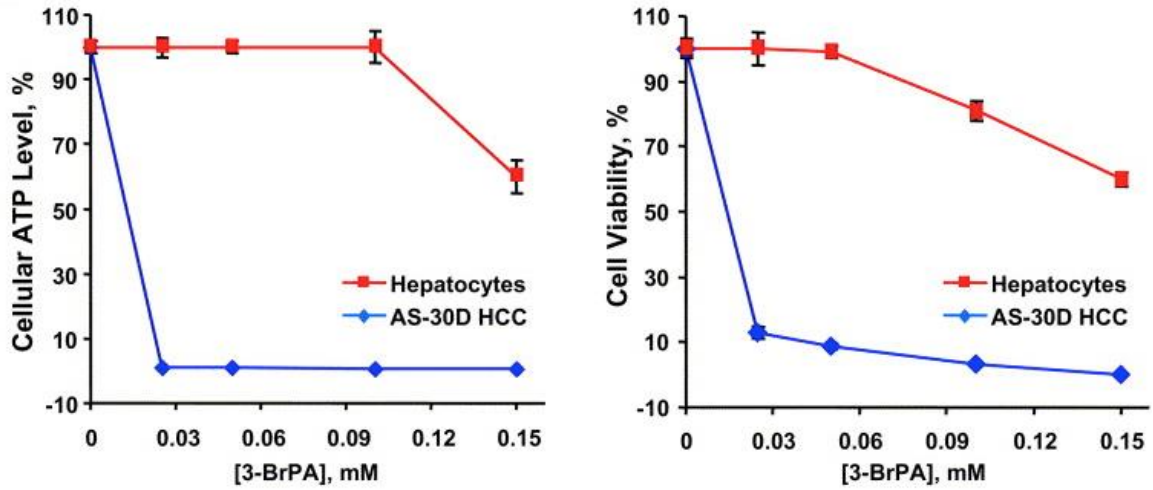


Two Weeks

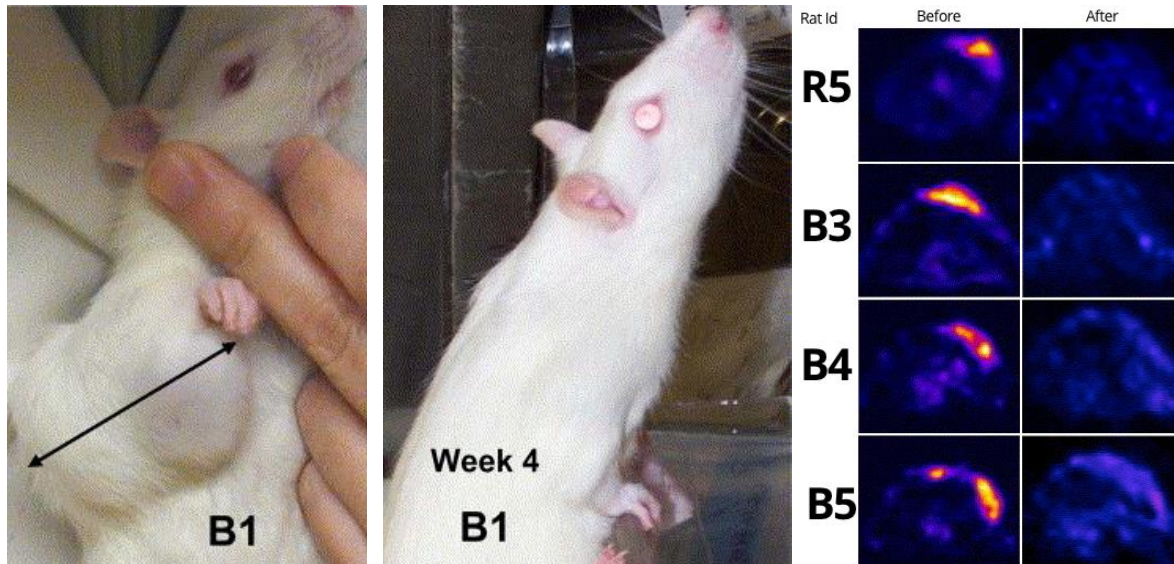


Three Weeks

Above: Week over week KAT treatment in rats leads to dramatic tumor reduction



Above: KAT-induced depletion of ATP (left) and loss of viability (right) in HCC cells



Above Left & Center: Tumor loss in Rat B1 from initial tumor through Week 4
Above Right: FDG-PET scans from first 4 rats that developed advanced cancers.