

## Fruit flies aid efforts to develop personalized cancer treatments

For years clinicians have puzzled over the observation that people with type 2 diabetes are more likely to develop certain malignancies, such as pancreatic, breast and liver cancers. The reason behind their confusion: standard biological principles predict that, if anything, folks with diabetes should suffer fewer tumors, not more of them.

However, new research on fruit flies, published this month in the scientific journal *Cell*, may have finally cracked the long-standing mystery. If confirmed in humans, the findings could one day prove beneficial not just in the treatment of diabetes and cancer, but they may also aid efforts to develop customized treatments based on an individual's own genetic profile.

**Read the full, original story here: [Fruit Flies Aid Efforts to Develop Personalized Cancer Treatments](#)**