ENV-101 is a small molecule Hedgehog signaling inhibitor that is being developed as a precision therapy in multiple types of cancer where the Hedgehog pathway is implicated as a driver of the disease.

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Clinical Trials

We are developing ENV-101 for patients with tumor mutations in the Hedgehog pathway, which affect approximately 2% of all cancers. Mutations in this pathway can aberrantly activate downstream signaling resulting in proliferation, survival, and metastasis of cancer cells. ENV-101 may potently inhibit the activity of the Hedgehog pathway, which may have a significant benefit on the lives of cancer patients with these mutations.

Who can participate?
Any person 18 years or older.
Any person who has a PTCH-1 LOF mutation.
Any person who has an advanced solid tumor.

xCures Partnership

Endeavor is partnered with xCures. Regardless of your eligibility for the Endeavor trial, xCures will still send you a list of other treatment options that could work for your cancer mutation. This means that even if you are not eligible for the Endeavor trial, you will receive a list of other treatment options that could work against your cancer mutation.

How can I help if I can’t participate?
Spread the word. If you have a family member/friend who you think may qualify for this trial, reach out.

Scan the QR code below to learn more about ENV-101 for PTCH-1 LOF cancer treatment.
Cancer is a disease of mutations. Cancer is caused by the changes in our genes that control the way our cells function. The cells in our body constantly evolve and sometimes mutate in a way that can be harmful to us. Endeavor is looking at a specific cancer mutation called PTCH-1 and is developing a drug meant to benefit patients with that mutation.

What is PTCH-1 LOF?
Some advanced solid tumors are known to have a gene mutation that results in the loss of function of a specific protein known as PTCH-1.

PTCH-1 is a tumor suppressor gene/protein in the Sonic Hedgehog pathway. The study drug, ENV-101, acts on a protein that is thought to be involved with the growth of these abnormal cells caused by a mutation of the PTCH-1 gene. By blocking this process, ENV-101 may slow the progress of the disease and may result in a partial or complete response.