



Having a colonoscopy, endoscopy, biopsy, or other surgery? Consider donating samples to help researchers develop better treatments for Bloom syndrome cancers!

Dr. Nathan Ellis's lab at the University of Arizona recently received a grant from the Orphan Disease Center's JumpStart program to create "organoids" (cell culture models that approximate human tissues) of healthy and cancerous tissues in Bloom syndrome.

These models are currently the best method to study human cancers. With them, they hope to devise more effective and less toxic treatments for cancer in Bloom syndrome.

To create these organoid models, Dr. Ellis needs FRESH TISSUE SPECIMENS (CANCER, ADENOMA, or NORMAL) from persons with Bloom syndrome.

The Ellis Lab is creating:

- 1. Organoids from any and all types of cancer and from surrounding normal tissue from surgeries and biopsies**
- 2. Organoids for normal and adenoma samples from endoscopies**

Participating is easy – the University of Arizona and the Bloom Syndrome Registry will work directly with your doctor and pathology team to do the paperwork and shipping.

To get started:

- 1. Before your procedure, contact Dr. Nathan Ellis at naellis@arizona.edu and Dr. Nicole Kucine at nik9015@med.cornell.edu.**
- 2. Alert your doctor that you will want to participate in this study and provide the contact information above.**

**YOUR PARTICIPATION COULD BE TRANSFORMATIVE FOR TREATING
BLOOM SYNDROME CANCERS!**