



ATAXIA-TELANGIECTASIA
"ay-TACK-see-uh teh-LAN-jick-TAY-sha"

Children with ataxia-telangiectasia (A-T) are born perfect and seemingly healthy – with limitless potential – until compromises are forced on them by this debilitating, deadly disease.

By supporting and coordinating aggressive research, we hope to give them a chance to live and enjoy life's possibilities.

kids. hope. cure.



Photographed by Elise Campbell Photography

ABOUT A-T

AREAS OF RESEARCH FUNDED BY THE A-T CHILDREN'S PROJECT

ATAXIA-TELANGIECTASIA (A-T) . . .

- is a rare genetic disease
- attacks in early childhood
- progressively affects coordination
- predisposes patients to fatal cancers
- severely compromises the immune system

CHILDREN WITH A-T ARE . . .

- as rare as 1 in 40,000 births
- from all races and ethnicities
- usually unable to walk by age 10
- may not survive their teens and rarely survive their twenties

Carriers of mutated copies of the A-T gene are approximately 1 per 100 individuals in the general population.

Compared to the typical population, the cancer rate of children with A-T is 1,000 times higher, and the cancer rate of carriers can be up to 4 times higher.

- Establishing and supporting the Global A-T Family Data Platform, a direct patient engagement website and data donation platform
- Spearheading and recruiting for clinical trials, including antisense oligonucleotide (ASO) gene therapy
- Discovering how the A-T protein works in brain cells to reveal ways to compensate or correct for the lack of the protein in children with A-T
- Screening thousands of compounds to find potential new drugs to help A-T
- Neuroimaging to reveal abnormal brain function in A-T
- Developing rating scales to measure A-T, helping power efficient clinical trials
- Developing human cell and animal models for A-T to aid drug discovery and development
- Conducting studies to improve the quality of care for people with A-T at the A-T Clinical Center at Johns Hopkins Hospital

Ataxia-telangiectasia (A-T) is a genetic disease that causes loss of muscle control and balance, cancer, lung disease and immune system problems in children and young adults, shortening their lives.

The nonprofit A-T Children's Project partners with academic and industry investigators worldwide – organizing and supporting innovative research, conferences, clinical teams, data platforms and biomarkers – to optimize disease management strategies, develop new treatments and find a cure.

TO DONATE: Other ways to help:



- Host an event | Donate stock
- Run a race | Make a monthly gift
- Designate United Way donations
- Spread the word



@ATCure



@atchildrensproject



facebook.com/ATChildrensProject

954.481.6611 | atcp.org | info@atcp.org



6810 N. STATE ROAD 7, SUITE 125
COCONUT CREEK, FL 33073 USA