

## Publications Stemming From

### The Progeria Research Foundation Cell and Tissue Bank

The Progeria Research Foundation Cell and Tissue Bank has contributed to the following medical publications, categorized by sample type for researcher convenience:

#### DNA

[Clonal hematopoiesis is not prevalent in Hutchinson-Gilford progeria syndrome](#)

Díez-Díez M, Amorós-Pérez M, de la Barrera J, et al. [published online ahead of print, 2022 Jun 25]. *Geroscience*. 2022;10.1007/s11357-022-00607-2. doi:10.1007/s11357-022-00607-2

[A Novel Somatic Mutation Achieves Partial Rescue in a Child With Hutchinson-Gilford Progeria Syndrome](#)

Bar DZ, Arlt MF, Brazier JF, et al. *J Med Genet* 2017;54(3):212-216. doi:10.1136/jmedgenet-2016-104295

[Transient introduction of human telomerase mRNA improves hallmarks of progeria cells](#)

Li Y, Zhou G, Bruno IG, et al. *Aging Cell* 2019;18(4):e12979. doi:10.1111/accel.12979

[Epigenetic clock for skin and blood cells applied to Hutchinson Gilford Progeria Syndrome and ex vivo studies](#)

Horvath S, Oshima J, Martin GM, et al. *Aging* (Albany NY). 2018;10(7):1758-1775. doi:10.18632/aging.101508

#### Autopsy tissue

[Atherosclerosis in ancient humans, accelerated aging syndromes and normal aging: is lamin a protein a common link?](#)

Miyamoto MI, Djabali K, Gordon LB. *Glob Heart*. 2014;9(2):211-218. doi:10.1016/j.gheart.2014.04.001

[Cardiovascular Pathology in Hutchinson-Gilford Progeria: Correlation With the Vascular Pathology of Aging](#)

Olive M, Harten I, Mitchell R, et al. *Arterioscler Thromb Vasc Biol* 2010;30(11):2301-2309. doi:10.1161/ATVBAHA.110.209460

[Hutchinson-Gilford Progeria Mutant Lamin A Primarily Targets Human Vascular Cells as Detected by an anti-Lamin A G608G Antibody](#)

McClintock D, Gordon LB, Djabali K. *Proc Natl Acad Sci U S A*. 2006;103(7):2154-2159. doi:10.1073/pnas.0511133103



## Plasma

[Metabolomic Profiling Suggests Systemic Signatures of Premature Aging Induced by Hutchinson-Gilford Progeria Syndrome](#)

Monnerat G, Evaristo GPC, Evaristo JAM, et al. *Metabolomics* 2019;15(7):100. Published 2019 Jun 28. doi:10.1007/s11306-019-1558-6

## Serum

[Direct reprogramming of human smooth muscle and vascular endothelial cells reveals defects associated with aging and Hutchinson-Gilford progeria syndrome](#)

Bersini S, Schulte R, Huang L, Tsai H, Hetzer MW. *Elife*. 2020 Sep 8;9:e54383. doi:10.7554/eLife.54383. PMID: 32896271; PMCID: PMC7478891.