

# SHARE YOUR COLORS

Silence Therapeutics Coloring Book



# Polycythemia Vera

Polycythemia Vera (PV) is a rare disease part of a group of conditions called myeloproliferative neoplasms (MPNs), which is a type of blood cancer | Causes bone marrow to make too many red blood cells | Makes blood thicker than normal | May lead to blood clots, heart attack and strokes | Carries a small risk of progression over time to bone marrow failure (myelofibrosis) and acute leukemia



# Symptoms

PV can cause a range of symptoms from fatigue to dizziness to itchy and red skin and even inflammation, making it challenging to diagnose and impacting quality of life.

**Fatigue**



**Brain fog**



**Itchy & red skin**



**Inflammation**



**Dizziness**





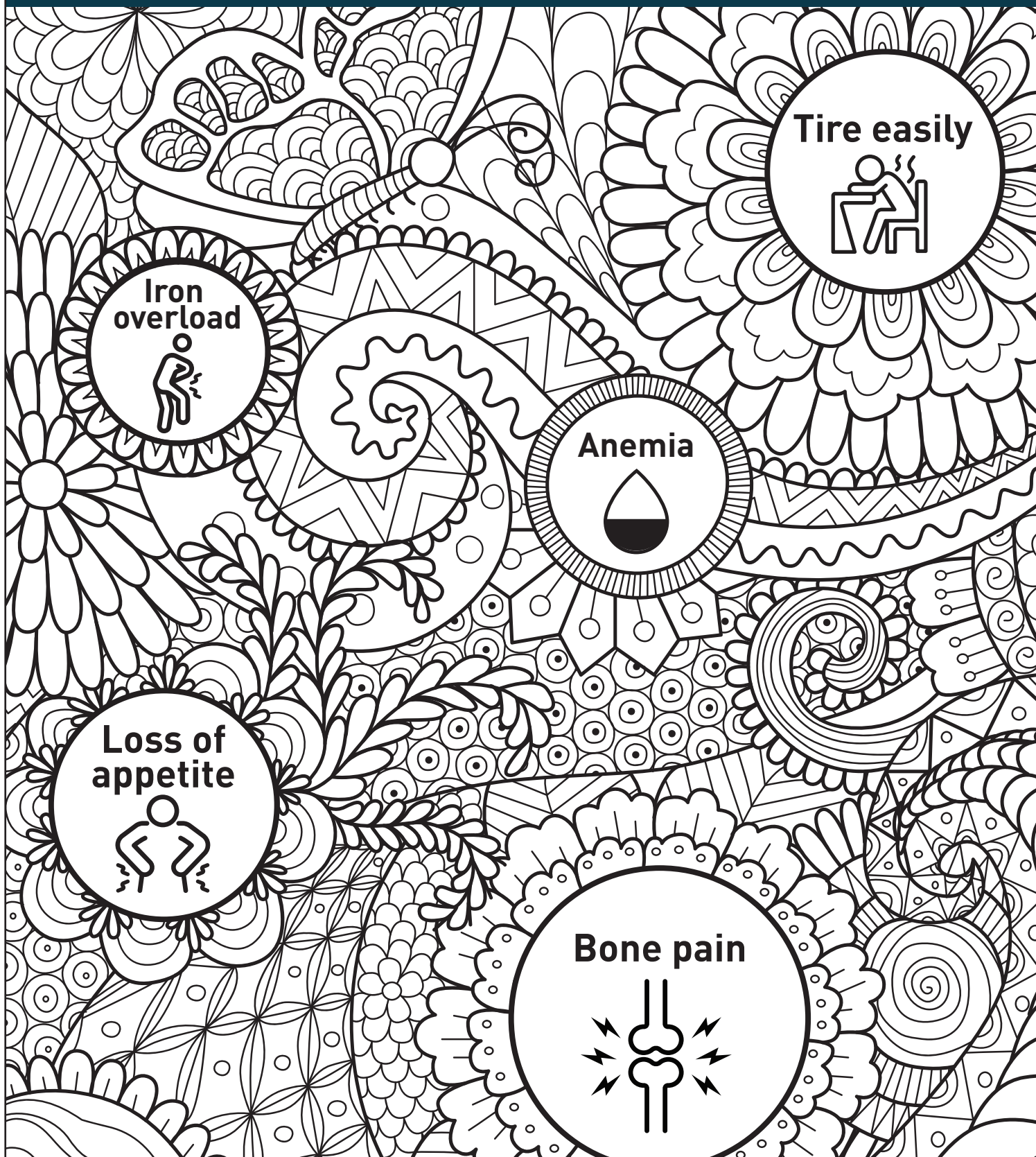
# Thalassemia

Thalassemia is inherited | Prevents a person's bone marrow from producing enough healthy red blood cells | Can vary in severity



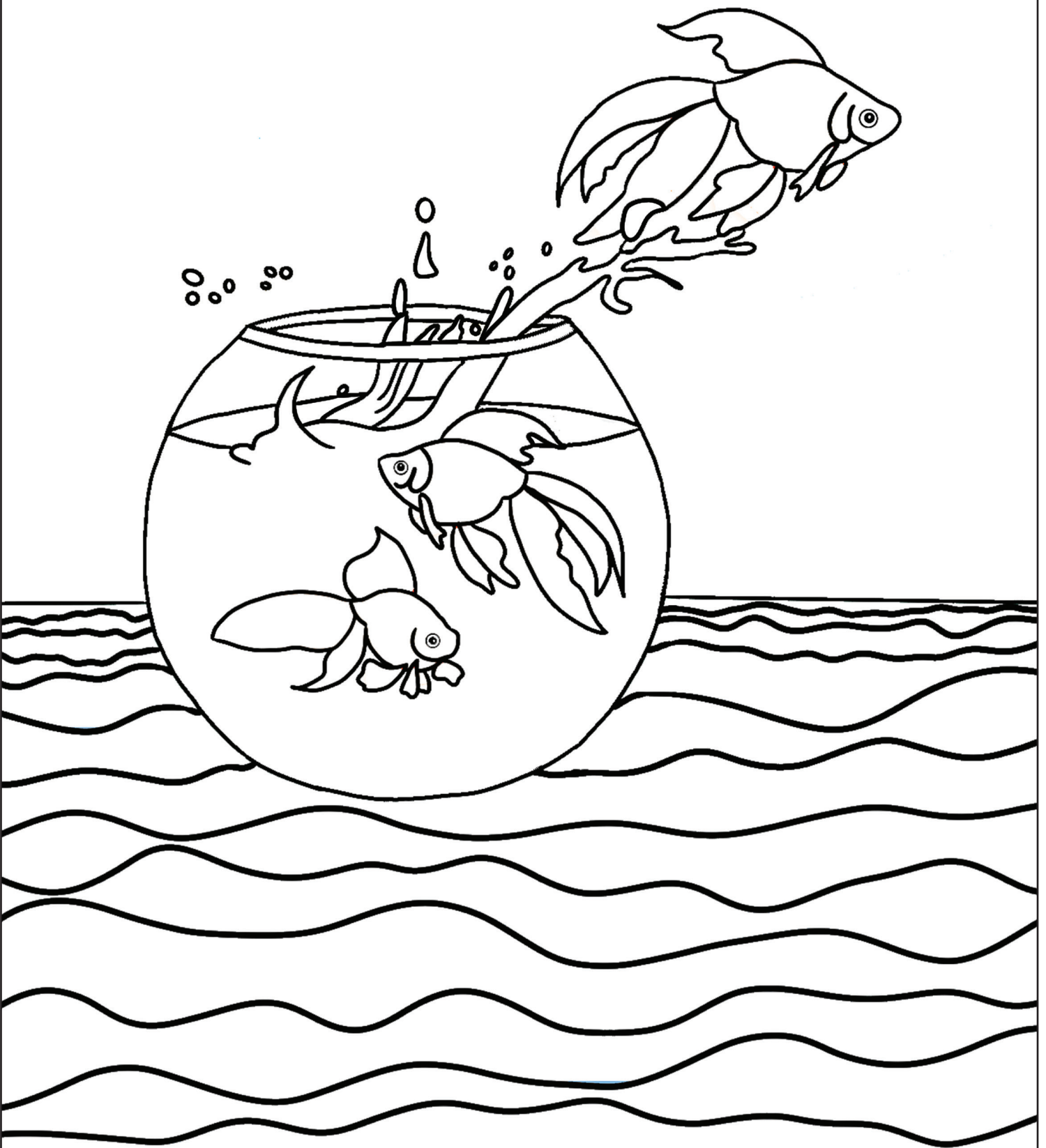
## Symptoms

Current treatments can usually keep symptoms under control but often require regular appointments as well as blood transfusions requiring hours of time. This means children with thalassemia frequently have to take time off from school and adults have to take time off from work.



# UK Thalassaemia Society

Art Contest Contributor: Fathima Amaani, 21 Fifth



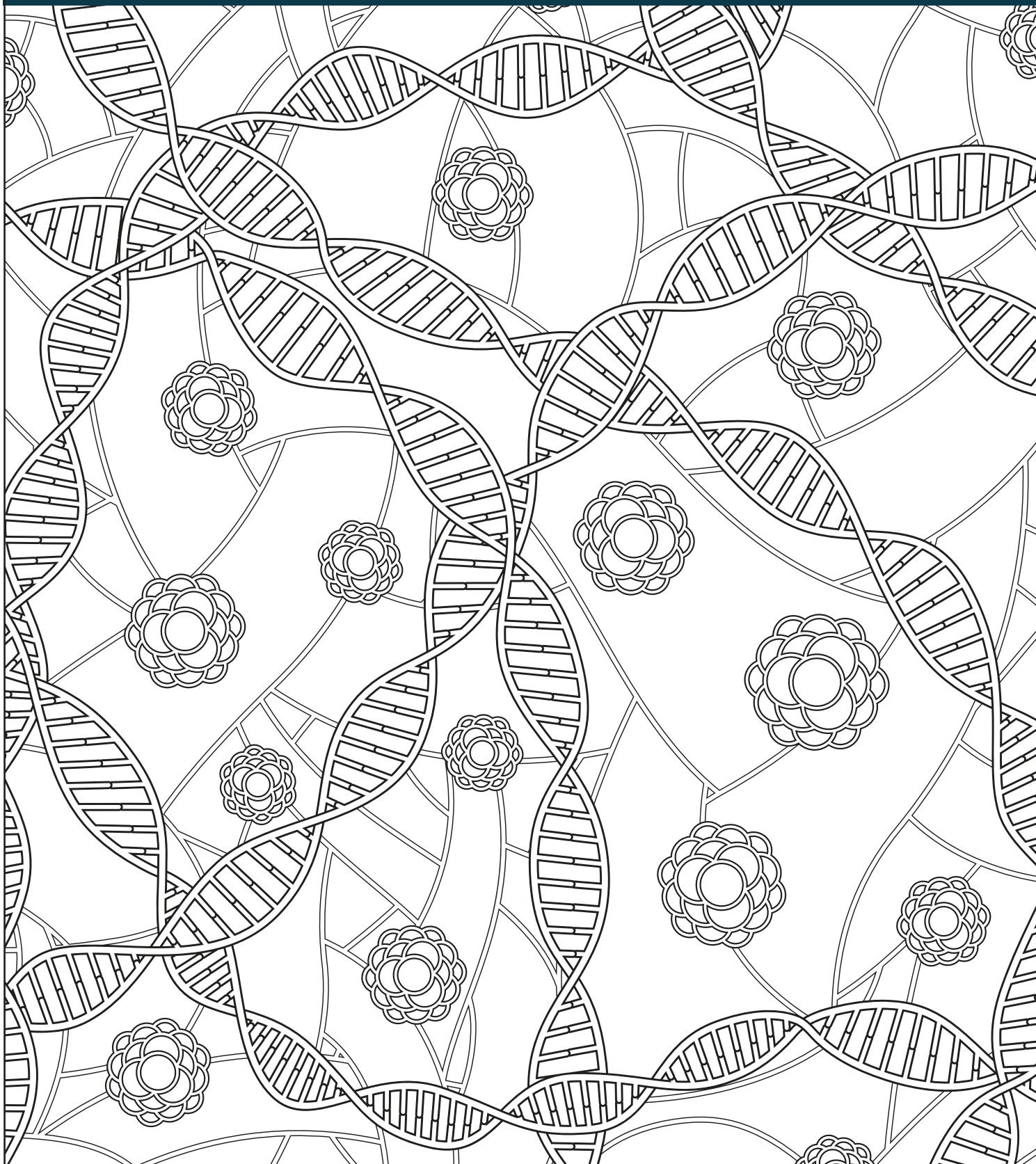


# Gene Silencing

Learn more at:



Gene silencing is a new approach to treating rare diseases that harnesses the natural mechanism of RNA interference by delivering siRNAs, designed to precisely target and silence disease-associated genes, without permanently altering DNA.



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### SPECIAL THANKS TO:



<https://www.mpnvoice.org.uk/>



<https://ukts.org/>



<https://www.mpnallianceaustralia.org.au/>



At Silence our vision is to transform people's lives around the world by silencing diseases, including rare diseases, through our precision engineered medicines and driving positive change for the communities around us.