





FabCure

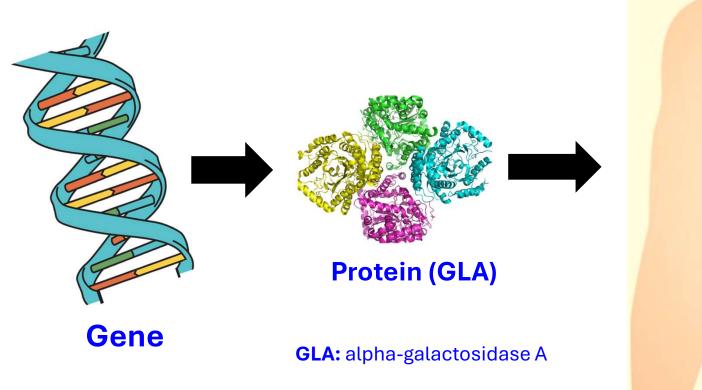
Transforming lifelong treatment into a one-time cure

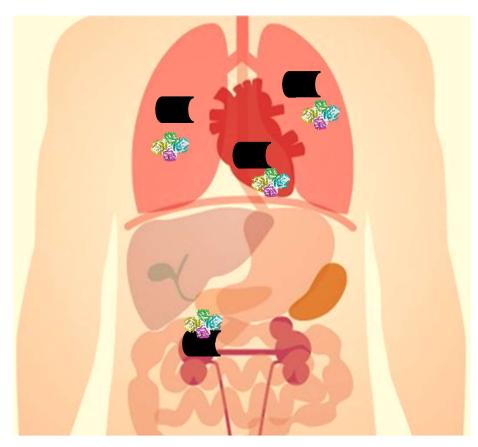
Anantha Padmanabhan S P Researcher ICGEB, Italy

> 04-06-2025 Innsbruck

FabCure

Fabry Disease: X-linked lysosomal storage disorder

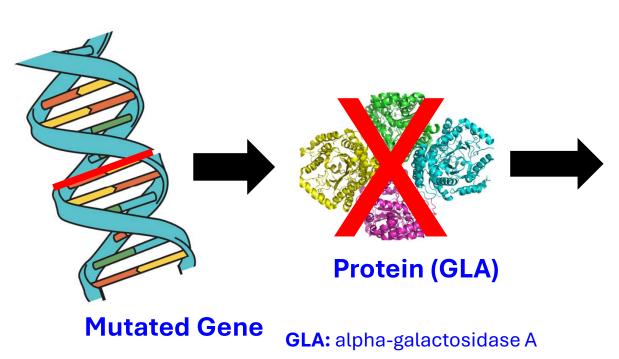




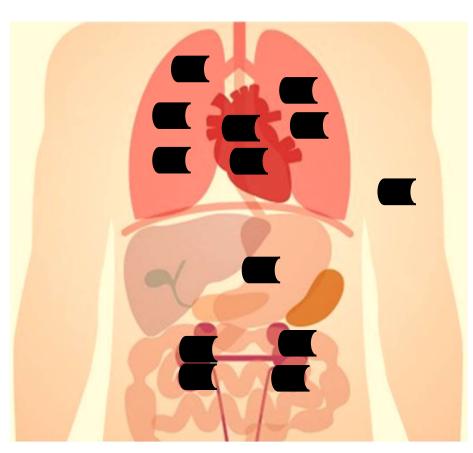
Substrate (Globotriaosylceramide (Gb3)

FabCure

Fabry Disease: X-linked lysosomal storage disorder



Affects the organs, and the patient may die in early life

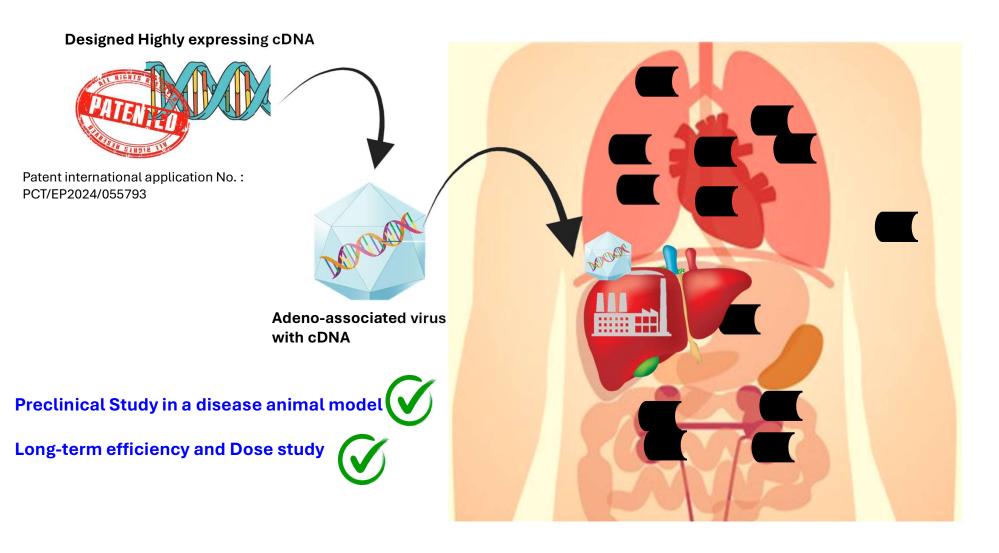


Substrate (Globotriaosylceramide (Gb3)

Our Solution:

Liver-targeted single-dose gene therapy for Fabry disease.

Strategy: Liver as a bio factory



WHY?

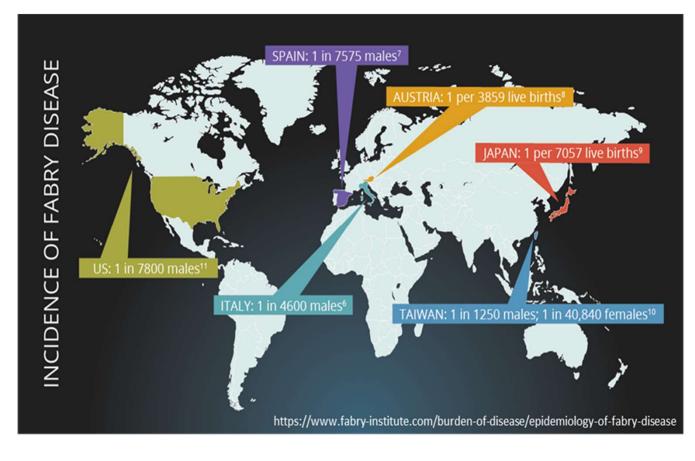
- Cases are increasing because of the implementation of newborn screening
- Pan ethnic disease
- Incidence rates are increasing in the US, Japan, Taiwan, and the EU (Germany, France, Italy, and Spain)
- Without therapy, patients can't survive



Newborn screening



1 in 1,250 to 1 in 21,973



Available treatments are not enough!

None of the available ones are 100% efficient

AVAILABLE TREATMENTS REPLAGAL' 1 my/rel opublishes office of the control of the

NO EFFECTIVE GENE THERAPY IN THE MARKET...

- Lifelong treatment
- Antibody against the drug.
- High cost (200k to 300k USD per year)



CHAPERONE THERAPY

Cost- \$299,821-312,186/year Dose- Once every other week

SIZE OF THE MARKET

Total Available Market (TAM):

~30.000+ DIAGNOSABLE PATIENTS.

At ~ **\$2M** price per dose

Serviceable Available Market (SAM):

~13,050+ PATIENTS ACROSS US/EU - \$26B

Serviceable Obtainable Market (SOM):

10% OVER 5 YEARS = ~1305+ PATIENTS : **\$2.6E**



https://www.delveinsight.com/report-store/fabry-disease-epidemiology-forecast-insigh

https://www.fabrydisease.org/about-fabry-disease/how-many-people-have-fabry-disease?utm_source=chatgpt.com

Looking For....



Looking for **industries/Investors** to collaborate with to translate the therapy to clinical applications. (We have collaboration with hospitals to arrange patients in Italy)



Regulatory path planning



cGMP low-scale manufacturing for clinical trials.



Your feedback.







Thank You..

