

# Demo Case 4 NanoGLA

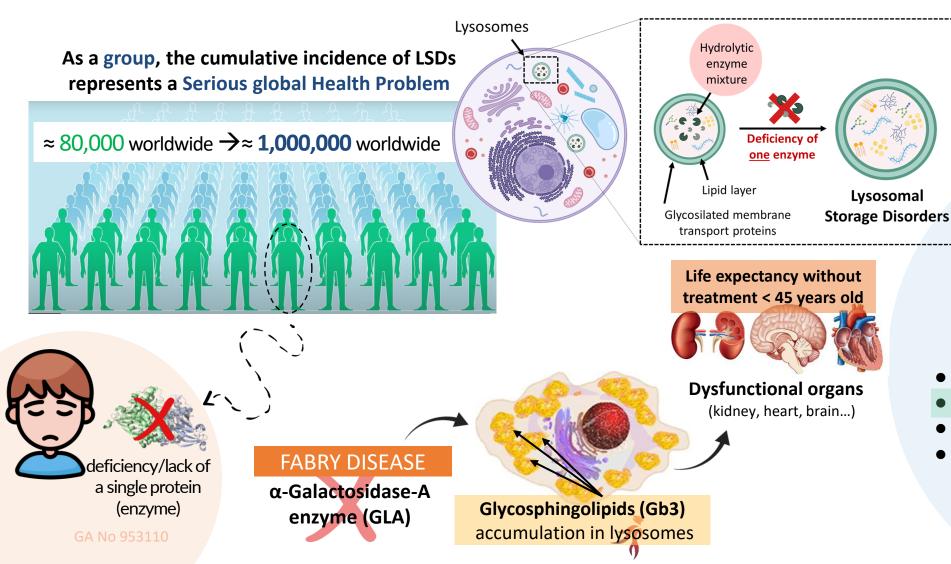






## State of Art and Innovative solution

#### **Lysosomal Storage Disorder's family > Fabry Disease**





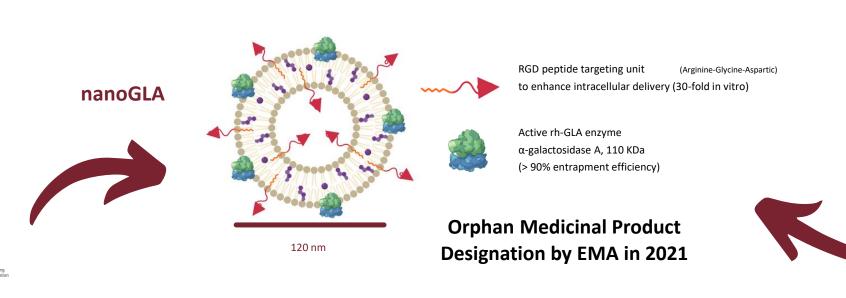
IV administration of the missing enzyme

- Poor enzyme biodistribution
- No Blood Brain Barrier crossing
- Need of frequent doses (EOW)
- High-cost treatment (>280 k€/year)



## State of Art and Innovative solution





IP protection of nanoGLA through a patent application, PCT/EP2022/051727 (2021)

J. Tomsen-Melero et al., *Targeted nanoliposomes to improve enzyme replacement therapy of Fabry disease*, Sci. Adv. 10, eadq4738 (2024)









SMART4FABRY























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