



# Anti-LOX Treatment for Duchenne, Fibrosis, and Cancer

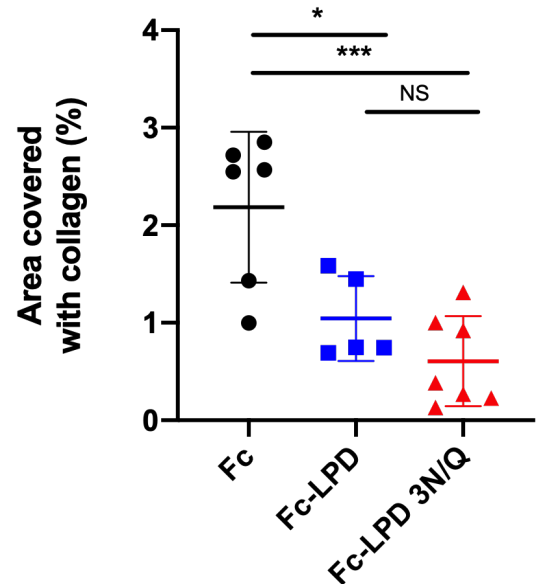
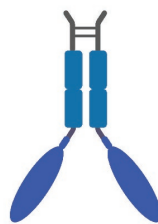


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LOX is a key driver of fibrosis and tumor progression through its role in extracellular matrix remodeling.

We developed a set of LOX inhibitors based on LOX's natural prodomain (LPD) to treat fibrosis, Duchenne Muscular Dystrophy (DMD), and cancer.

LOX inhibitor



LOX inhibitors (LPD) reduced collagen deposits in the MDX Duchenne mouse model

## APPLICATIONS

- Treatment of fibrotic diseases and metastatic cancer
- Mutation-independent treatment of DMD

## DEVELOPMENT STAGE

- Fc- protein inhibitor purified, characterized for stability and high-affinity binding
- Showed significant reduction in fibrosis and improved muscle function in DMD mice
- Reduced lung metastases in a melanoma mouse model

## DIFFERENTIATION

Selective:  
targets only  
extracellular LOX

Broad:  
applicable across a  
range of fibrotic  
diseases & cancer

Validated:  
*In vivo* efficacy  
in fibrosis and cancer  
mouse models

Antibody-like:  
durable and  
selective design

Stable:  
high-affinity Fc-  
fusion inhibitor

