



Inhalable formulations loaded with therapeutic protein constructs

ARQUEBIO
BIOPROCESSING

Aim

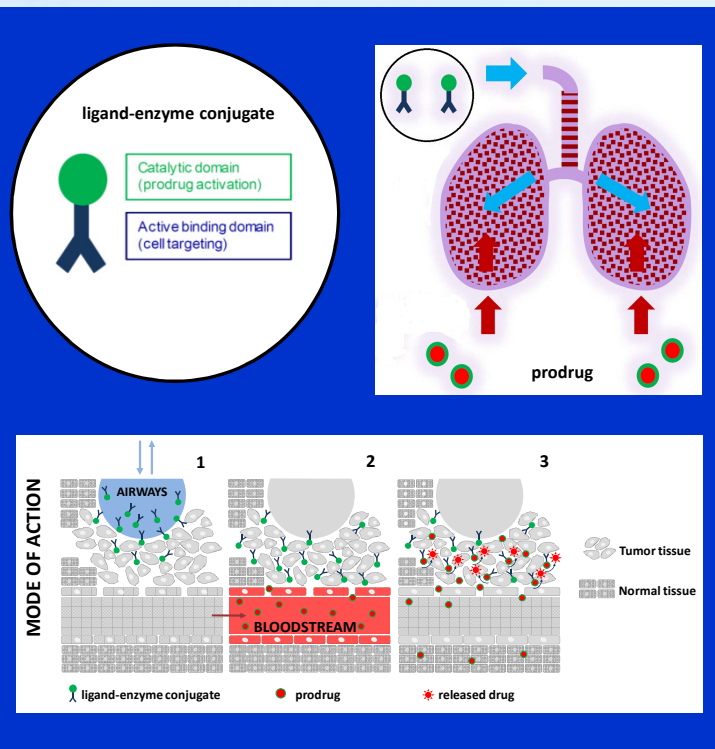
Treatment of lung cancer with enhanced therapeutic efficacy

Our solution

Inhalable formulations of prodrug converting protein constructs

- A. β -galactosidase-RGD construct
- B. Inhalable particles with fully preserved enzymatic activity
- C. Local conversion of glycosidic anti-cancer prodrug

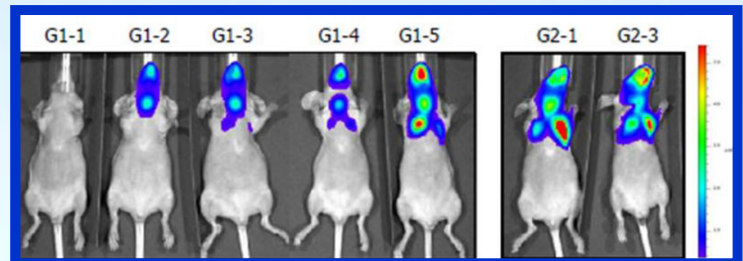
Concept



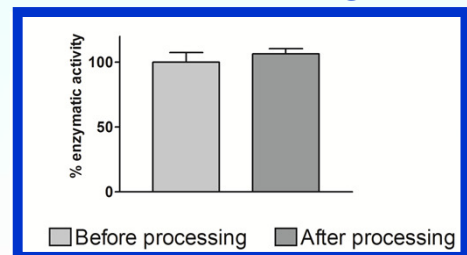
Inhalable formulations prepared by mild CO₂ particle formation technique



Local prodrug activation



Full preservation of biological activity



Benefits

- Straightforward upscaling to GMP
- Mild, clean, non-polluting technology
- High quality dry powder product

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