

Dev4All  
HEALTH SCIENCE

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Pharmaseed  
Preclinical Solutions | Your Partner in Success



WHEN **CRO**  
**COLLABORATION**  
BECOMES A  
DRIVER OF  
PRECLINICAL  
INNOVATION

# 1. Identify the challenge and advise

“At Dev4All, one of our clients was developing a pro-angiogenic molecule with promising therapeutic potential for degenerative diseases like muscular dystrophy.

**The goal?** Demonstrate the molecule's efficacy in promoting muscle regeneration.

**The hidden pitfall?** A mechanism of action that could raise safety concerns – particularly regarding tumor growth.

Therefore, we proposed early on to investigate both efficacy and safety.

”



Céline Martin, PhD  
Head of R&D Operations



## 2. Build the right alliance

“To tackle this dual objective - efficacy and safety - we brought together two complementary CROs within Dev4All's global network:

- **Pharmaseed** validated the regenerative effect of the molecule in a murine model of muscular dystrophy.
- Dev4All conducted an **in vivo xenograft study** to assess potential tumor-promoting risks of pro-angiogenic stimulation early in development

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Eddy Pichinuk, PhD  
**Customer Account Manager**





# 3. Work as one team

“ This collaborative approach provided our client with **robust, decision-driving data, supporting both safety concerns and therapeutic promise.**

Integrated preclinical strategies like this are becoming essential in the development of innovative therapies , **especially those with first-in-class mechanisms.**

We don't just run studies. We build smart, collaborative designs **to clarify risk-benefit and accelerate development.** ”



Daniel Sanchez Lopez, PhD  
**Solution Finder**



# ONE TEAM TO DRIVE ALL YOUR PRECLINICAL PROJECTS

Contact us  
[Dev4all.bio](https://dev4all.bio)



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