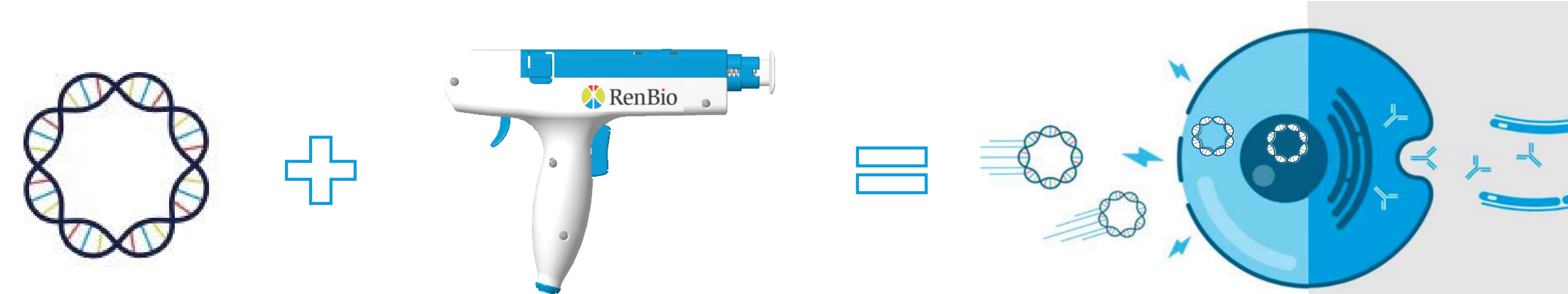


Next-Generation DNA-Based Delivery of therapeutic proteins using MYO Technology™: preclinical results on filgrastim and neutropenia.

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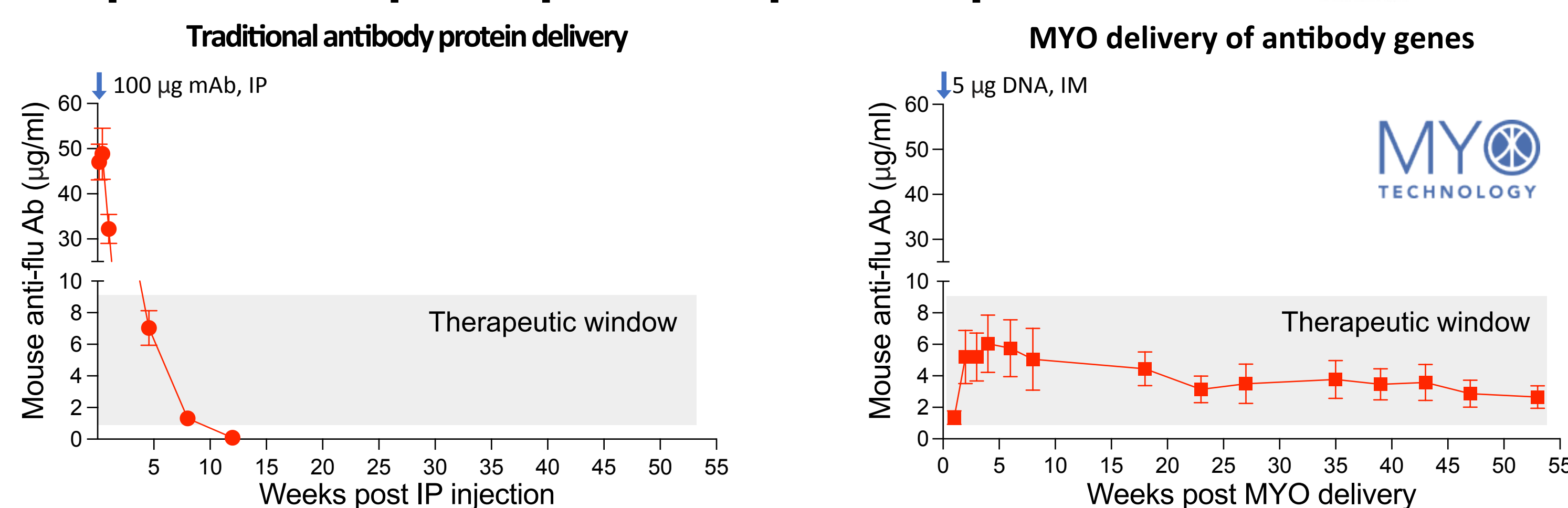
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MYO Technology Platform

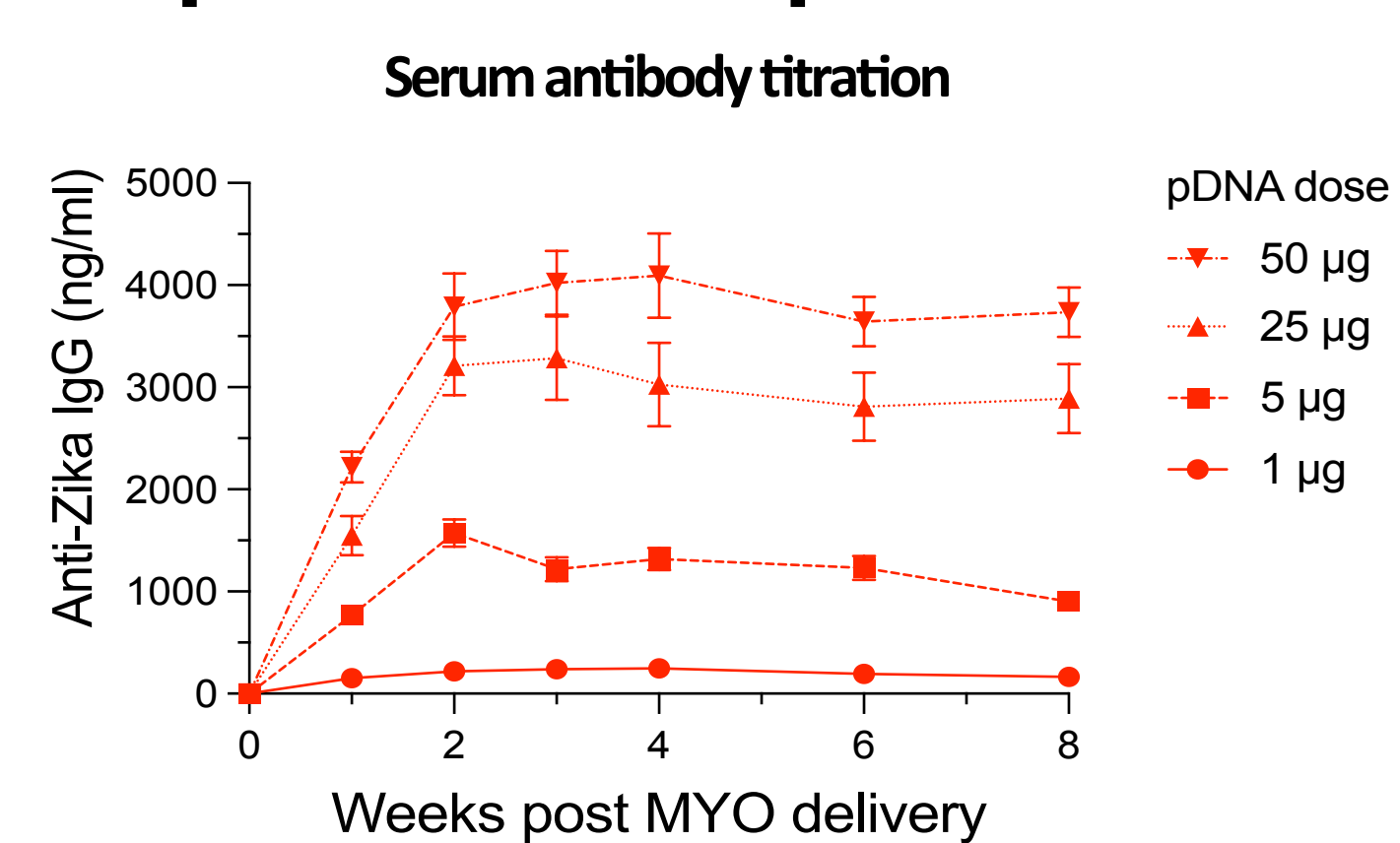


The MYO Technology platform consists of protein-encoding plasmid DNA (pDNA) and a proprietary medical device for the intramuscular injection of pDNA, followed by the delivery of very short electrical pulses to the muscle tissue surrounding the injection site. These pulses promote the *in vivo* electroporation of muscle cells, resulting in therapeutic protein production, secretion, and ultimately uptake into peripheral circulation.

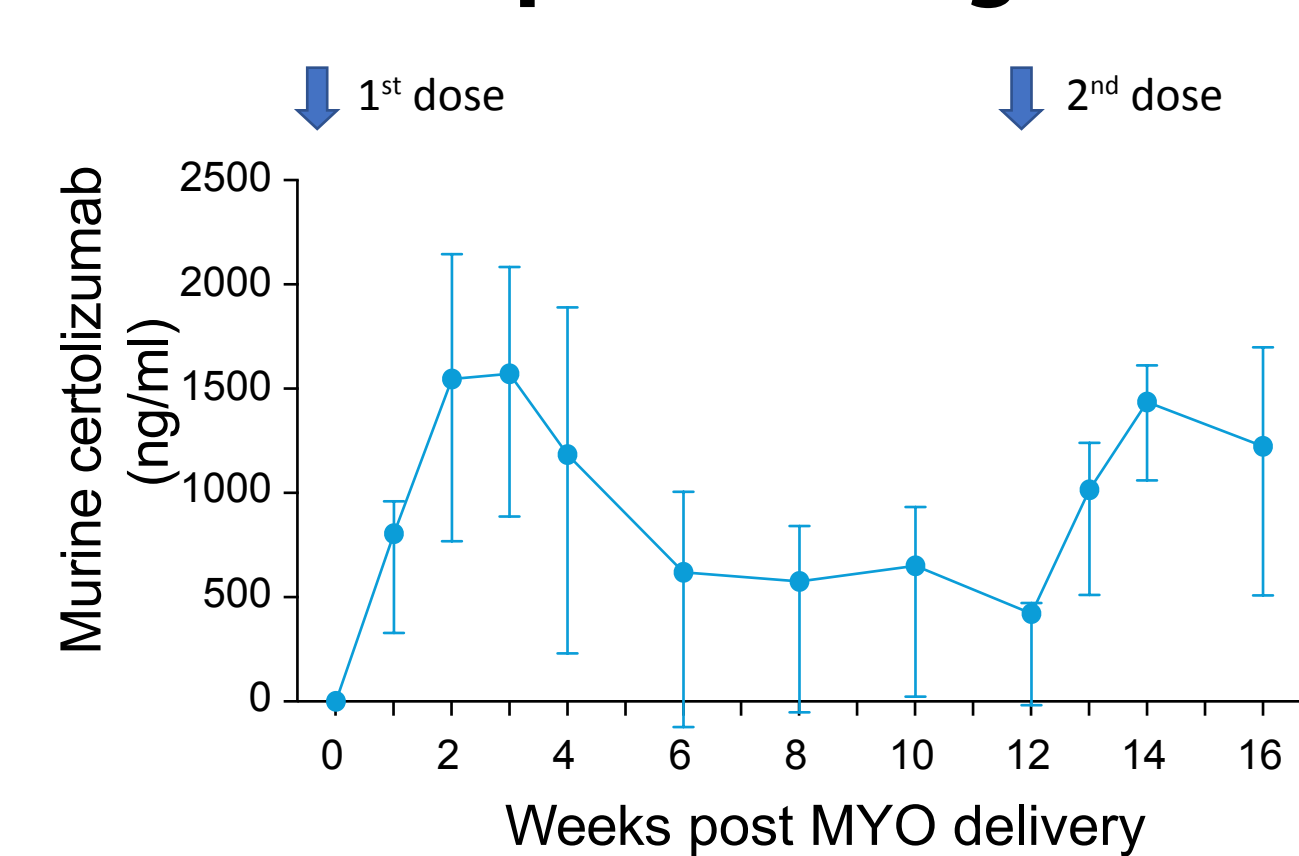
1. Improves therapeutic protein expression profile *in vivo*



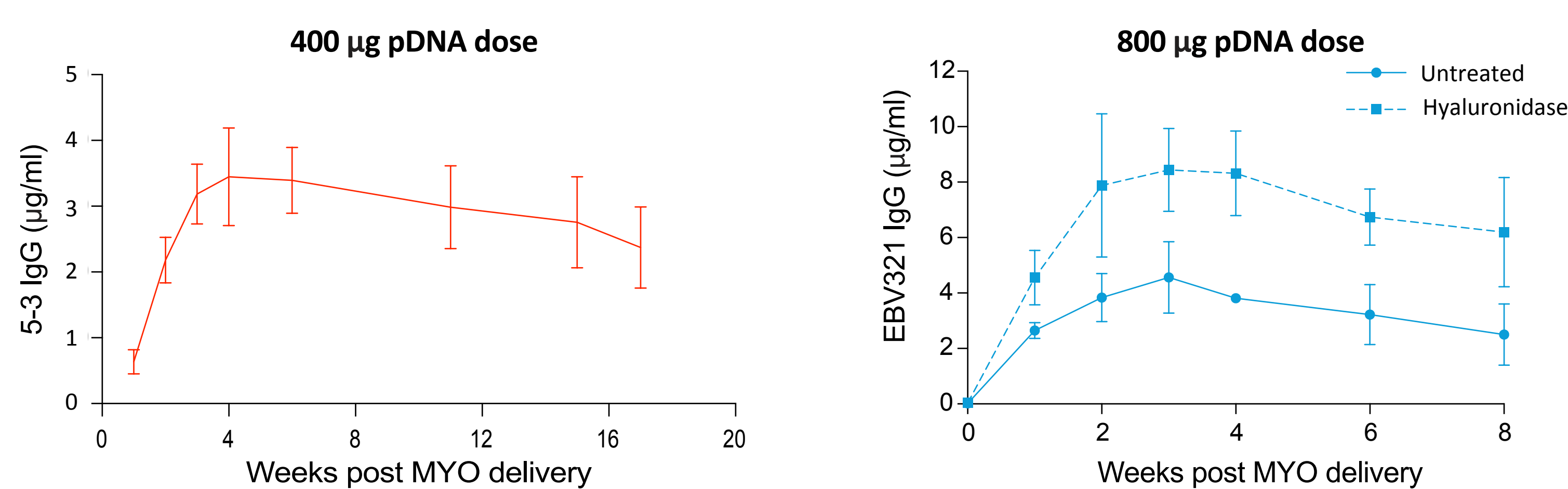
2. Is pDNA-dose dependent



3. Permits repeat dosing

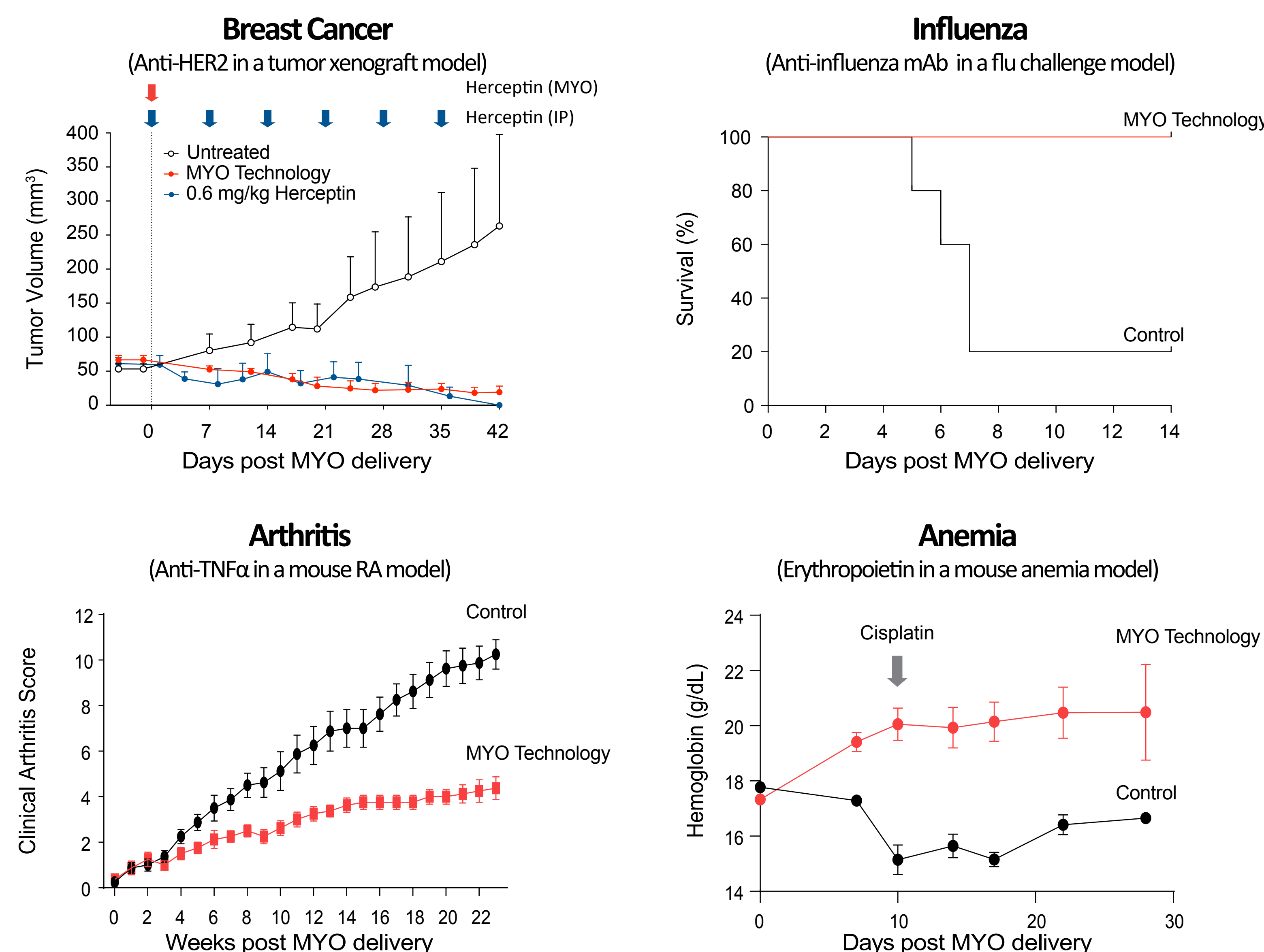


4. Can be scaled-up to larger animal models



Versatility of MYO Technology

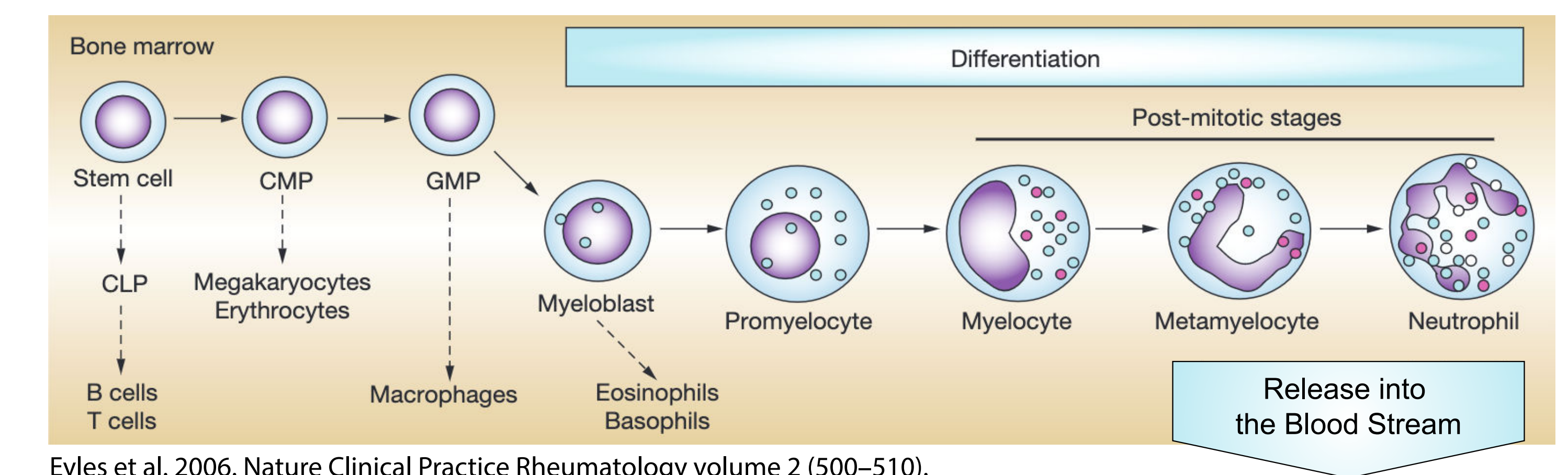
Proof-of-concept studies demonstrate that therapeutic proteins delivered with MYO Technology are efficacious in a diverse array of disease models.



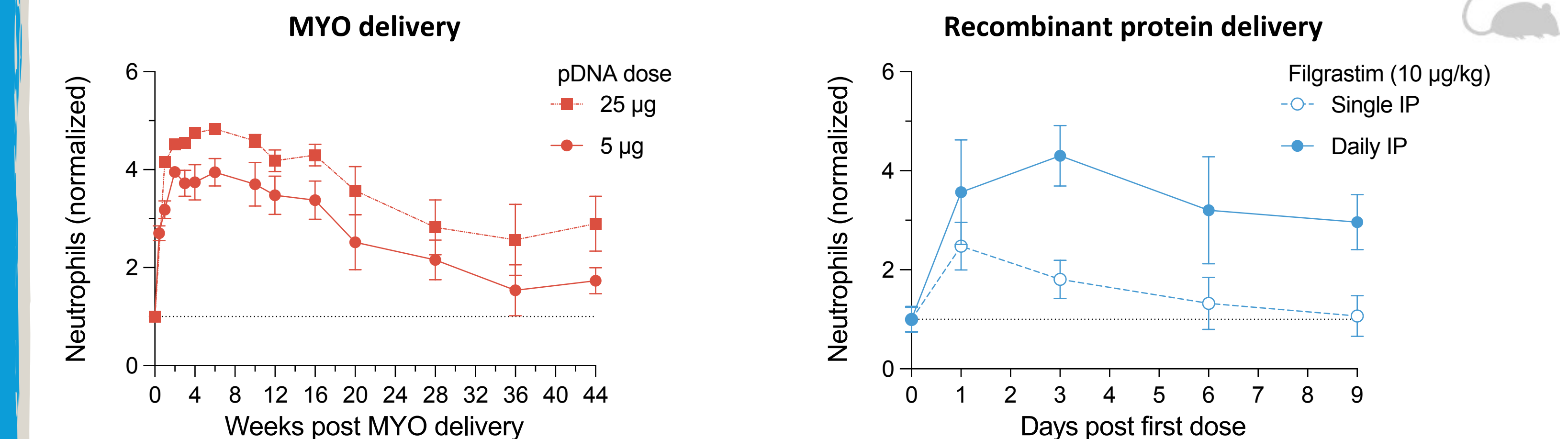
MYO Technology has the potential to dramatically improve the accessibility and usage of therapeutic proteins

Neutropenia Studies

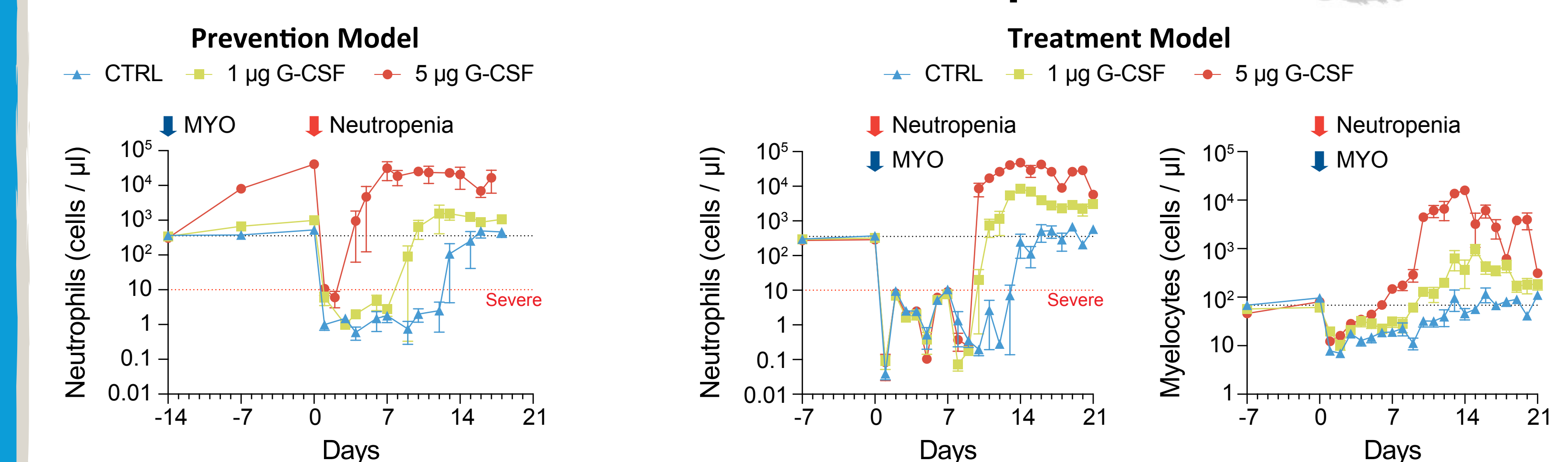
Neutropenia is a disease characterized by low level of neutrophils, a type of white blood cells. Filgrastim (recombinant G-CSF), a bone marrow stimulant, leads to differentiation, maturation and release of neutrophils into the blood stream. Filgrastim suffers from a short half-life, though, and requires frequent dosing.



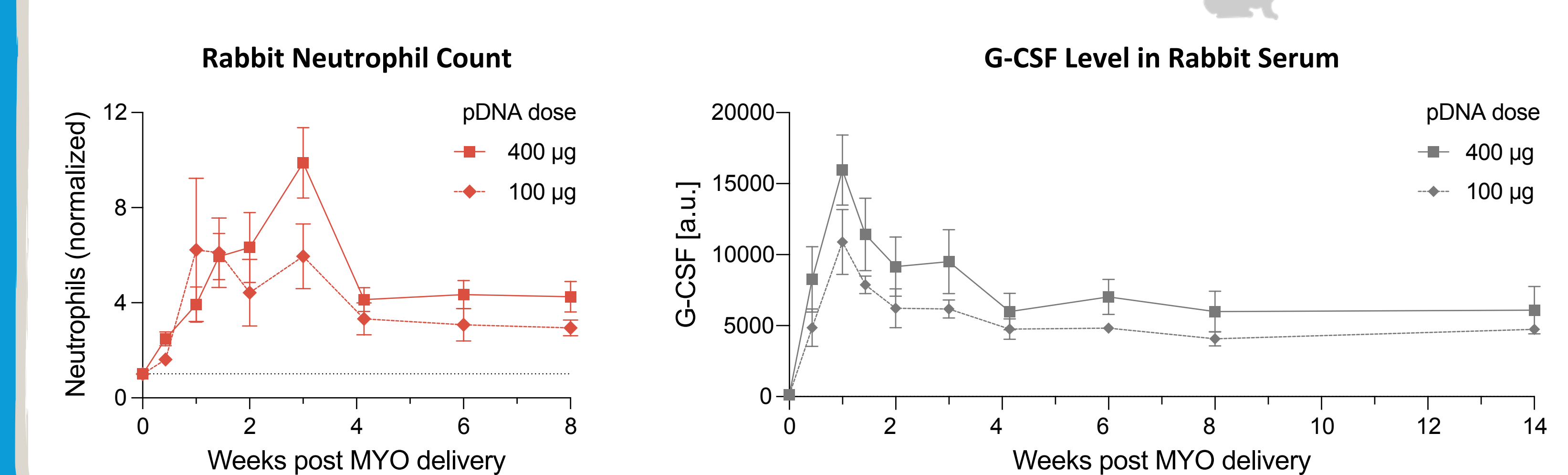
1. Single dose of MYO-delivered G-CSF equates to daily filgrastim dosing



2. MYO-delivered G-CSF is efficacious in neutropenia models



3. Effect of MYO-delivered G-CSF is durable and scalable



Acknowledgements