RenetXe Blo

Restoring neural networks

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ReNetX Bio: Clinical stage company Significant Opportunity for Patients and Partners

Extensive experience in building & exiting biotech investments; Raised \$30M with vetted partners

Technology/IP

Leadership

Expertise

Yale Innovation; extensive issued worldwide patents; new IP filed & actively in process; additional 12 years of regulatory exclusivity with BLA

Unmet Market Need

Pipeline >\$5B indications across neurology & ophthalmology

Significant Return

Support from global biotech; Key Exit Inflection Point with data readout in early 2022



What is the Problem We're Solving?



ReNetX Approach: Block Axonal Growth Inhibitors in the CNS to Promote Neural Repair



AXER-204 promotes new neural connections through axonal sprouting, axonal regeneration, and synaptogenesis

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Neuroprotection & Neurorestoration in Ophthalmology

Optic Nerve Axonal Growth



Wang et al Ophthalmol Vis Sci. 2015 56(2):1357-66.



The ReNetX Difference



Traumatic injuries



Extensive Independent Preclinical Validation of Mechanism

Glaucoma models & optic nerve injury	Rat	RGC protection ↑ Axonal growth	Yale, Hong Kong	Wang et al, IOVS 2015 56:1357-1366 & Fu et al, IOVS 201 52: 8374-8380.					
Sub-chronic SCI, hemisection	Monkey	 ↑ Forelimb use ↑ Motor function ↑ Axonal growth 	Yale	Wang et al, Brain 2020 142 Subscribe Sign In					
Chronic SCI, Contusion	Rat	 Functional Recovery %Weight beamine A CTRE 	ET JOURN	WSJ. Magazine Q					
Sub-acute SCI & Acute SCI, Contusion	THE	English Edition Video	Podcasts Late rkets Opinion Life & Art	er SM. Ann					
Sub-acut World U.S. Politics Economy Busines Busines Finction ,									
Acute SCI, SHARE PRO VCINDUSTRY NEW Companies Datients Ji et al, Eur J Neurosci. 2005 22(3):587-94.									
Acute SCI, F (F) Spin	nal-Co	Axonal growth	Yale, Biogen Idec	Li et al, J Neurosci. 2004 17;24(46):10511-20					
Acute SCI, Tra	Rat	\uparrow Axonal growth	Univ. of Toronto	Guo et al, Cell Transplant. 2012 Jan 10. epub ahead of print					
Dorsal root crush	Rat	 ↑ Forelimb use ↑ Synaptic function ↑ Axonal growth 	Tufts University	Harvey et al, J Neurosci. 2009 13;29(19):6285-95.					
Dorsal column crush	Rat	\uparrow Axonal regeneration	Yale	Wang et al, Exp Neurol. 2012 237(1):55-69.					
Middle cerebral artery occlusion	Rat	 ↑ Forepaw use ↑ Rotorod performance ↑ Axonal growth 	Yale	Lee et al, J Neurosci. 2004 7;24(27):6209-17.					

Executive Leadership



Advisory Board Leadership





The 2017 Blavatnik Award winners flanked by Erika Smith, Director of the Innovation Fund & Yale President Peter Salovey

The RESET Clinical Trial

Objectives: To evaluate the safety, pharmacokinetics & efficacy of AXER-204 in participants with chronic cervical SCI having significant but incomplete impairment of hand & arm function



- Pharmacokinetics
- Antidrug antibodies
- Potential biomarkers

 Biomarkers of target engagement and axonal growth



Extensive Pipeline Opportunity

NgR1 Platform

NEUROSCIENCE

Indication	Research	Preclinical	IND/Phase 1	Phase 2	Phase 3				
SPINAL CORD INJURY	FDA Fast Track: https://clinicaltrials.gov/ct2/show/NCT03989440								
AXER-204									
STROKE									
MULTIPLE SCLEROSIS									
OTHER CNS AXONAL INJURIES & DISEASES									
OPHTHALMOLOGY									
Indication	Research	Preclinical	IND/Phase 1	Phase 2	Phase 3				
GLAUCOMA									
OPTIC NEURITIS									
OTHER DISORDERS WITH OPTIC NERVE INJURY									

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