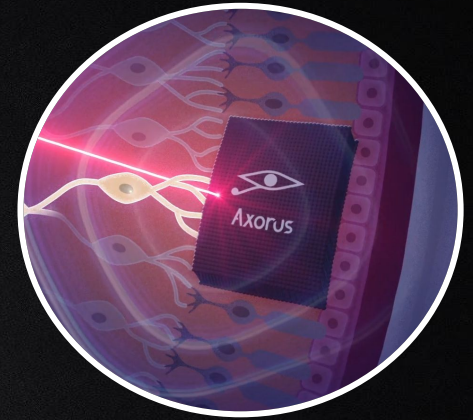


Axorus

High Acuity Artificial Retina

our state-of-the-art artificial retina



https://youtu.be/6WfqoY-B3_g (2min)

High Acuity Artificial Retina to **cure blindness**
Laser Retinal Projector + Implanted Subretinal Photoacoustic Membrane

to cure blindness



200+ million patients in the world
by 2040

simulation of age-related macular degeneration

currently with no solution

dry age-related
macular degeneration

retinitis pigmentosa

geographic atrophy

unsolved retinal diseases

retinal electrostimulation

cortical electrostimulation

optogenetics

complement system drugs

previous attempts with
insufficient results

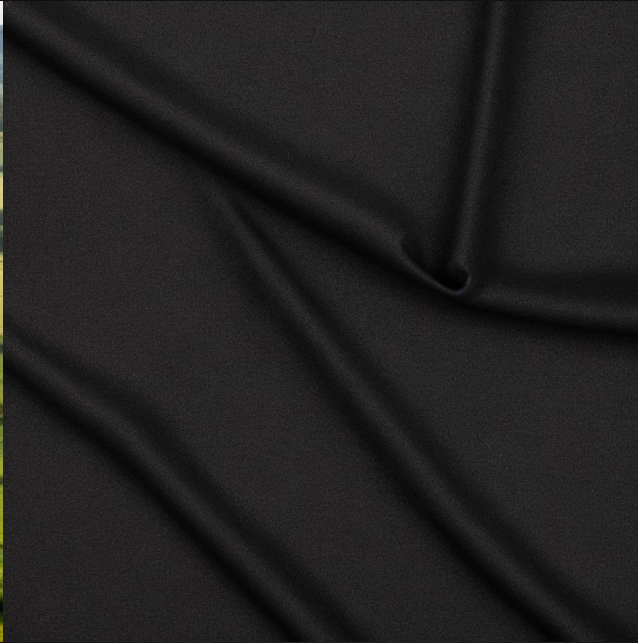


best
current
solution

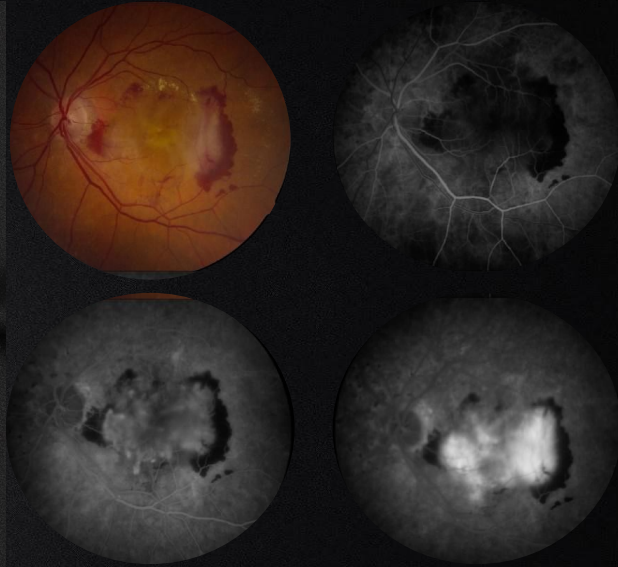
where we stand out



perfect acuity
individual cell stimulation



large field of view
continuous soft material



customizable
to fit the atrophy

our team



JD, CEO
Engineer + HEC Paris



Hélène, PhD, CTO
Biophysics Engineer



Yueming, PhD
Photoacoustic Engineer



Julien
Materials Engineer



Anna
Materials Engineer



Neurobiologist /
Regulatory Affairs Expert
(identified)

our partners



**Pr Serge
Picaud**



**Dr Vasily
Smirnov, MD**



**Pr Ji-Xin
Cheng** **Pr Chen
Yang**



**Pr Shelley
Fried**



**HARVARD
MEDICAL SCHOOL**

our scientific achievements



ex vivo



sighted mice
(C57)



blind mice
(RD1)



sighted rats
(Long Evans)



blind rats
(P23H)



pigs



in vivo



Visual Evoked Potential



Functional Ultrasound
Imaging (fUS)



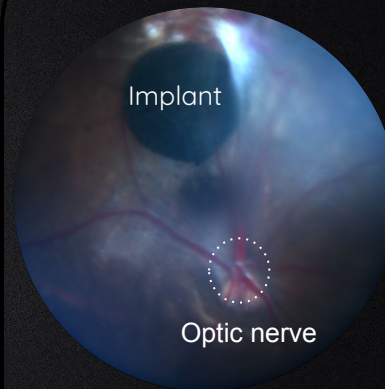
single cell resolution



bipolar cells selectivity

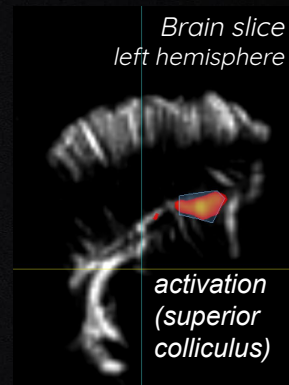


Implant under the retina



Eye fundus

Brain response



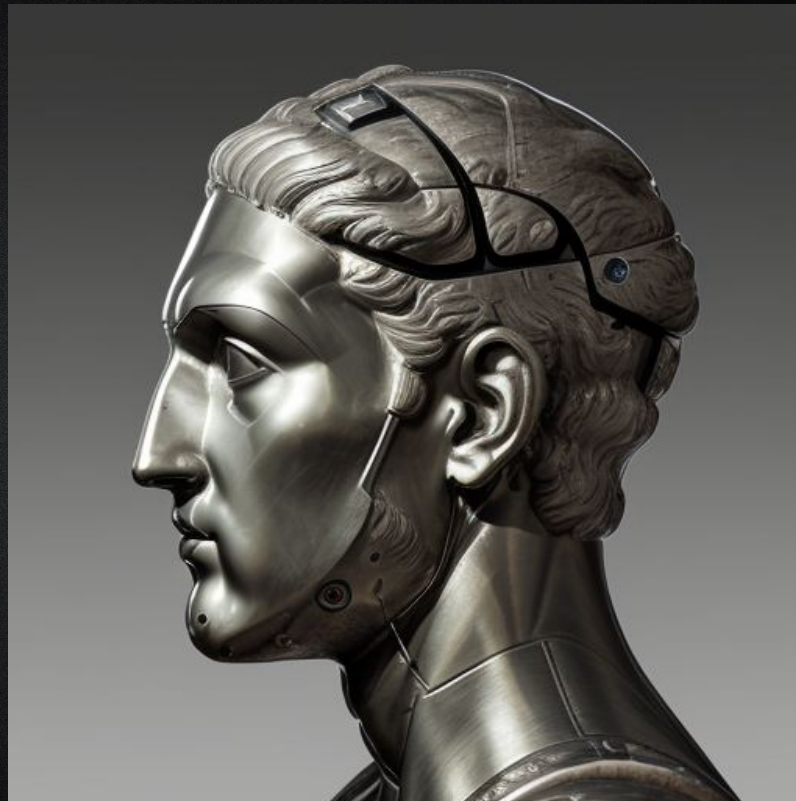
functional
UltraSound (fUS)
imaging



→ Scientific publication in progress

our vision

increase the healthspan
by providing spare parts to
the nervous system





\$500,000

blind patient current health cost

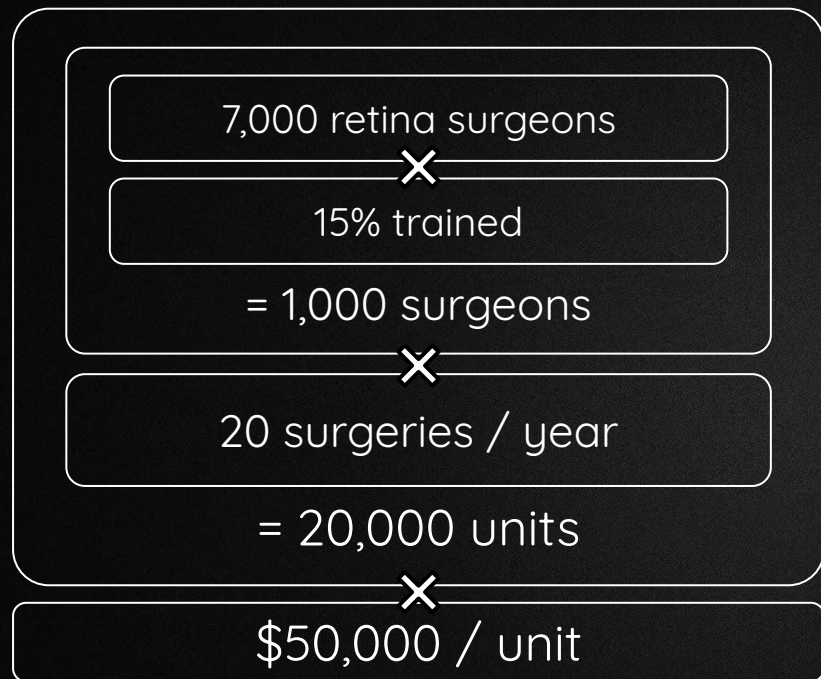
\$120,000 → \$50,000

launch and target selling prices

\$15,000

current cost of components

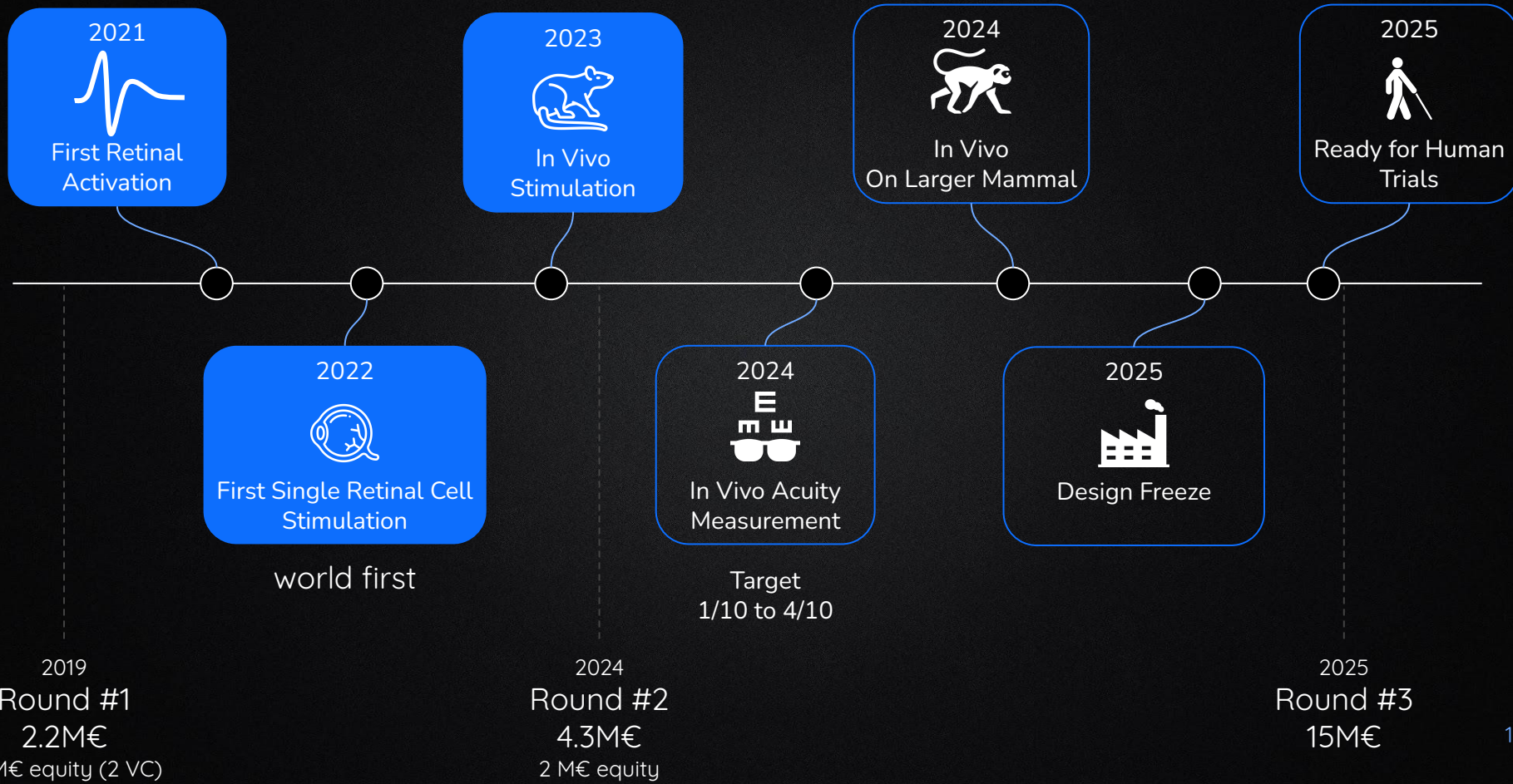
how to achieve a billion \$ in revenues



\$1b
revenues



roadmap



Total		4.3 M€
R&D partners		2.6 M€
Preclinical Trials		0.4 M€
Membrane	 	0.9 M€
Retinal Projector		1.3 M€
Axorus Payroll		1.3 M€
Other (G&A, IP, Regulatory)		0.4 M€

Total	4.3 M€
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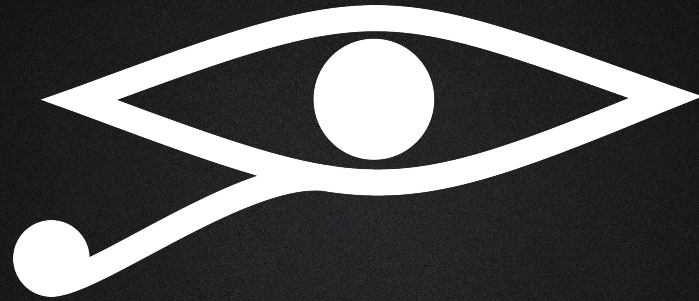
Equity	2.5 M€
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Loan 	0.1 M€
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Subsidies	1.7 M€
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DeepTech 	1.4 M€
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CIR 	0.3 M€
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Axorus.com

[roadmap detailed]

