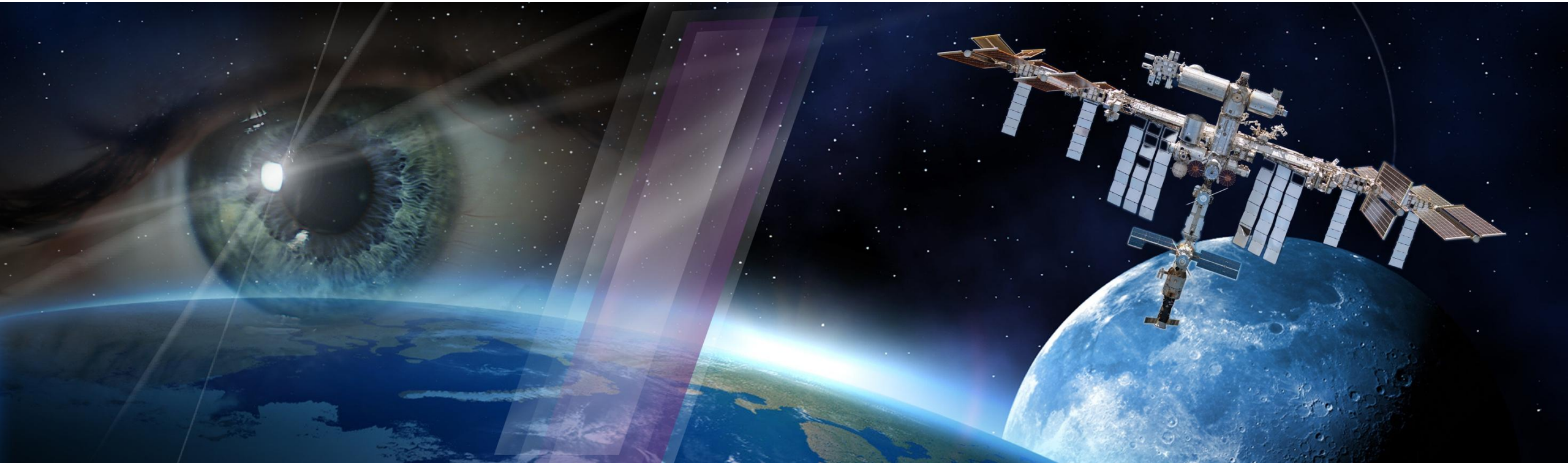


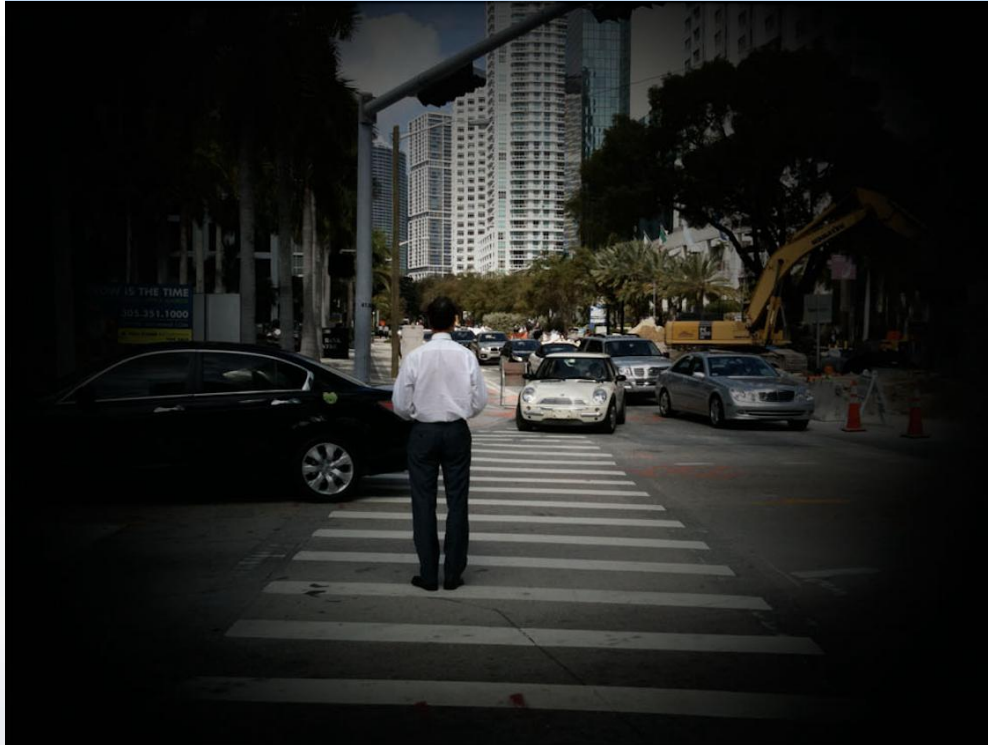


LEVERAGING SPACE TO HELP PATIENTS REGAIN SIGHT



Nicole L. Wagner, PhD
CHIEF EXECUTIVE OFFICER

RETINAL DEGENERATIVE DISEASES



RETINITIS PIGMENTOSA (RP)

1.5M Global Population
(>\$4B US/EU Market)

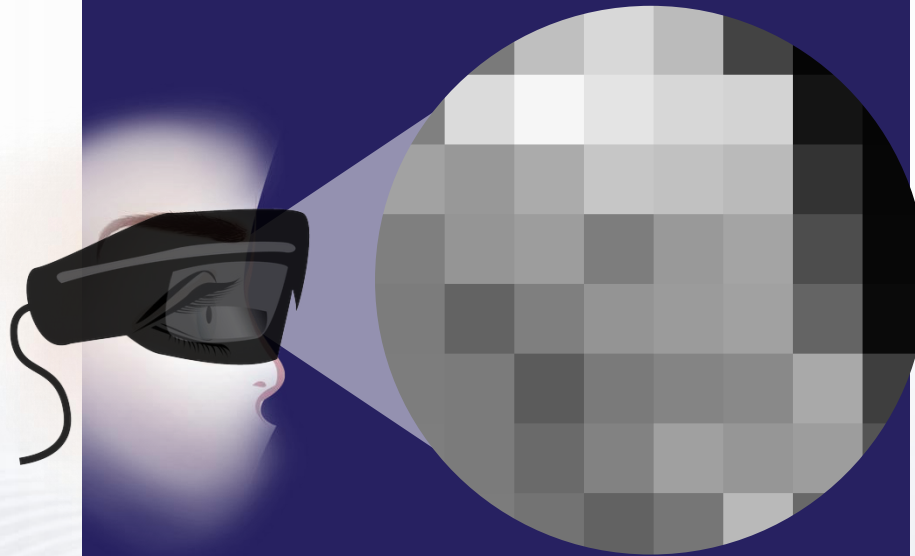


AGE-RELATED MACULAR DEGENERATION (AMD)

50M Global Population
(>\$300B US/EU Market)

COMPETITION

DEVICE-BASED



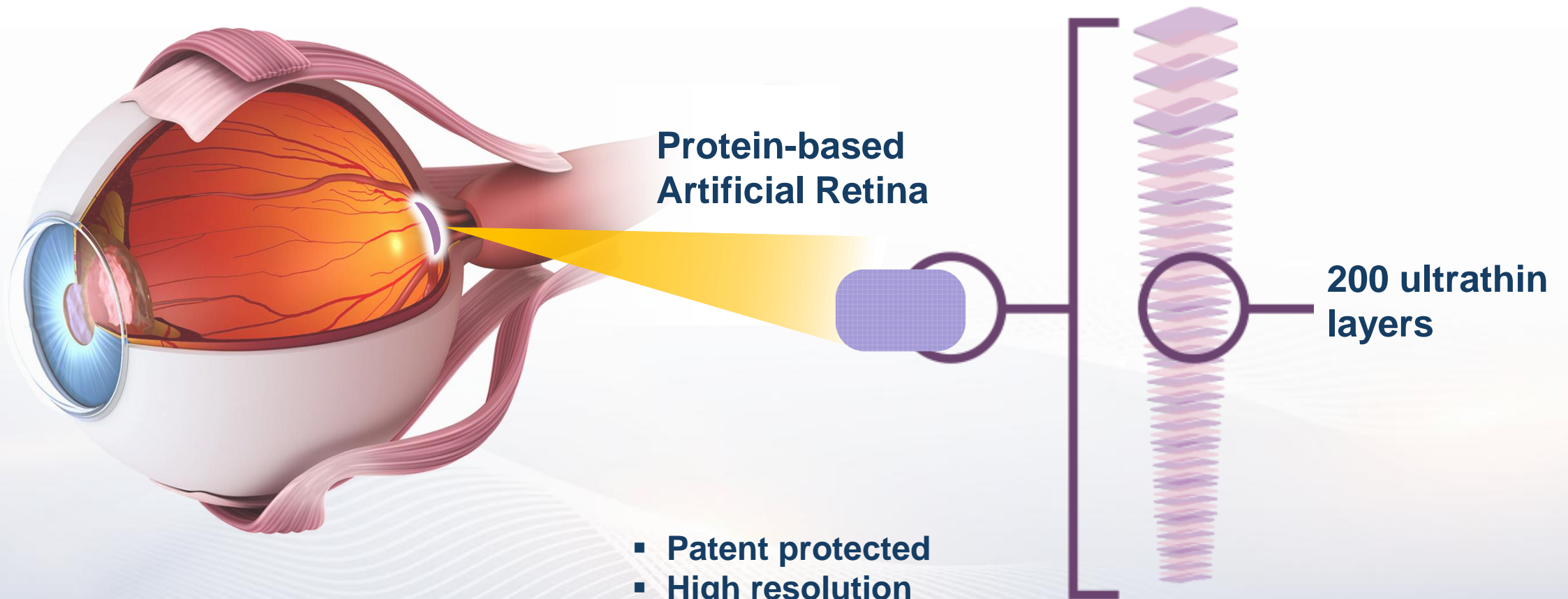
- Bulky
- Hardware driven
- Low-resolution
- Many discontinued

GENE THERAPEUTICS



- Unproven
- Invasive
- Limited patient population
- Potential off target activity

LAMBDAVISION'S SOLUTION

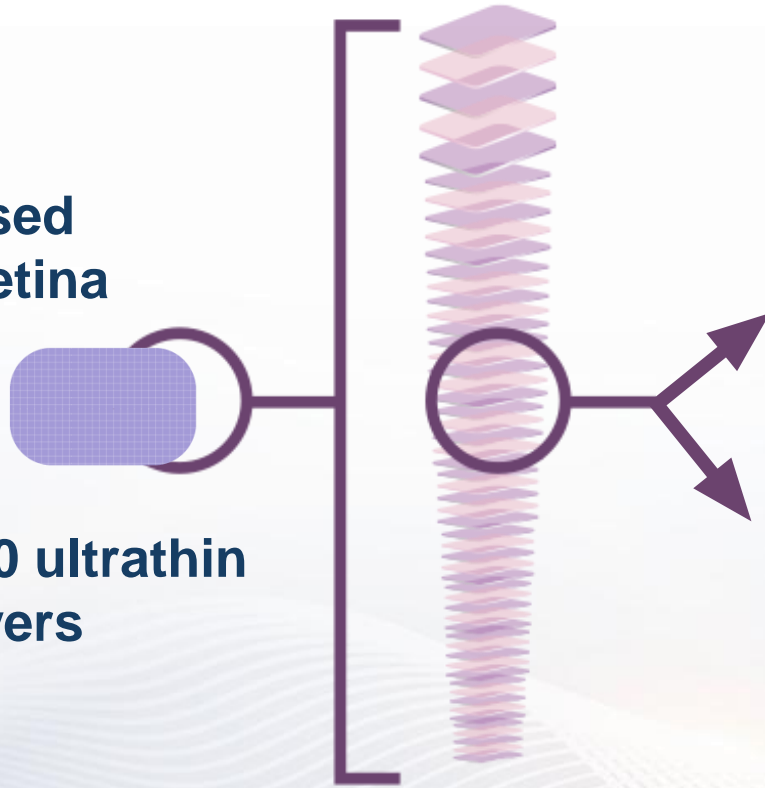


- Patent protected
- High resolution
- Simple surgery
- Small, flexible implant
- Proven in multiple pre-clinical studies

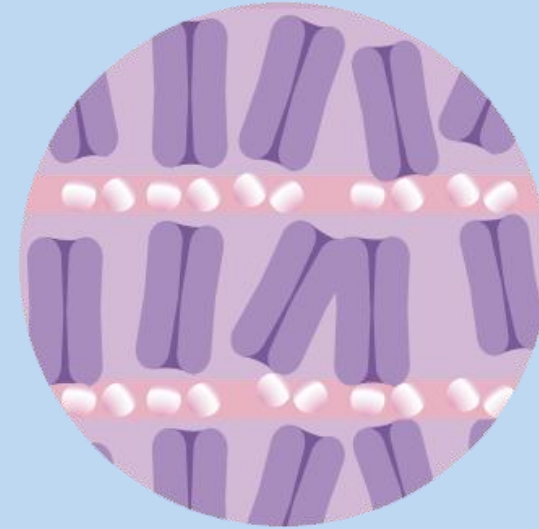
SPACE IMPROVES QUALITY AND SCALABILITY

Protein-based
Artificial Retina

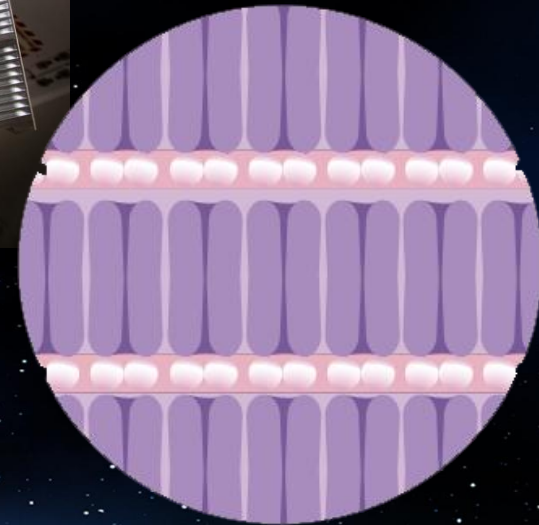
200 ultrathin
layers



On Earth



In Space



AUTONOMOUS



LOW MASS



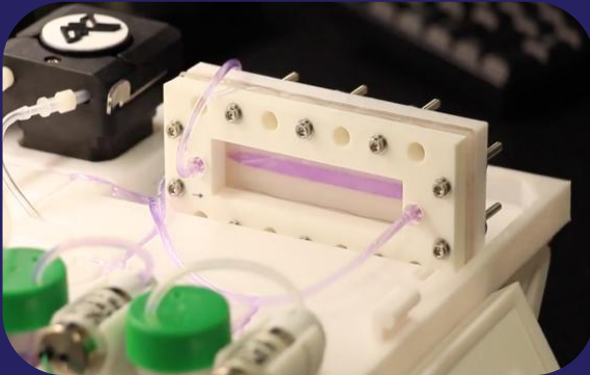
REDUCED WASTE

ROADMAP

2025-26

- Pre-clinical Trials
- GMP Manufacturing

Terrestrial and
On-Orbit LBL Prototyping



\$7M (Seed)

2027

- IND Filing
- Phase I Clinical Trials

Testbed using
ISS National Laboratory

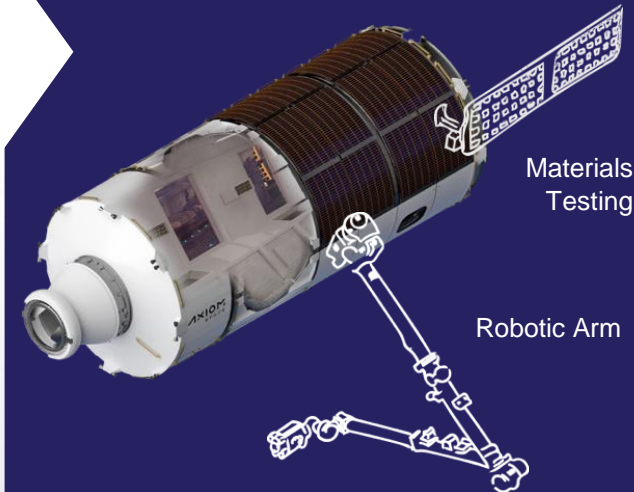


\$30M (Series A)

2028

- Clinical Trials Continue
- FDA Review

Transition to CLD
for Commercial Production



Potential
Exit

DUAL-USE APPLICATIONS

- Optical Data Storage
- Associative Processing Neural Networks
- Photovoltaics
- Toxin Detection
- Optical Pattern Recognition

LEADERSHIP and CORE TEAM



Nicole Wagner, PhD, CEO
PhD Biochemistry – UConn



Jordan Greco, PhD, CSO
PhD Physical Chemistry – UConn

Expertise
Regulatory
Manufacturing
Preclinical

Experience
Bioelectronics
Optogenetics
Machine Learning

RAISING \$7M SEED ROUND

CAPITAL

Type of Financing:
SAFE

Target Raise:
\$7M

Committed Funds:
>\$3M

USE OF FUNDS



Growing
Team



Manufacturing
Process
Development/
cGMP Scale-up



IND-enabling
Preclinical
Studies



Through development of the first protein-based artificial retina LambdaVision is pioneering solutions in space that will pave the way for the future of many industries

Dr. Nicole L. Wagner, PhD, CEO
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