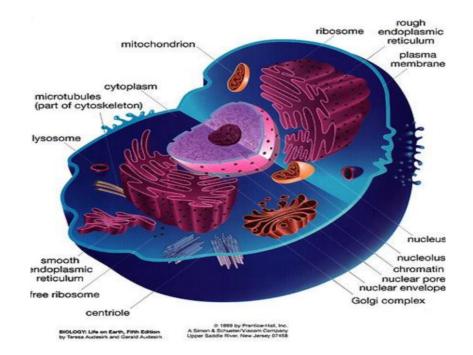


# **Supports the Resilience of the Body!**

**Stein Ulve** CEO and Founder Eevia Health Plc Aktiespararna, March 15, 2023

# **Cellular Health and Recycling**

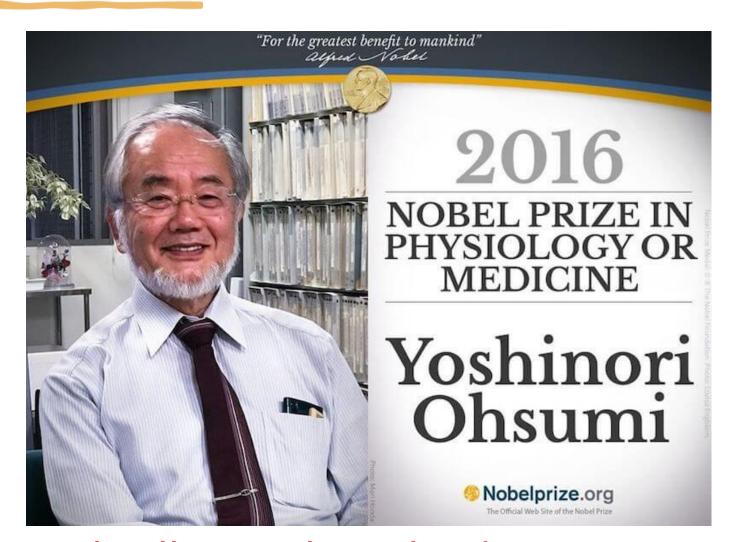
- Human body has 30 trillion cells (> 200 different cell types)
- All cells are replaced every 7-10 years
  - Exception neuronal and eye lens cells



**Cell death is a vital biological process!** Healthy cells = Healthy body



# AutophagyAuto = selfPhagos = eat or consume



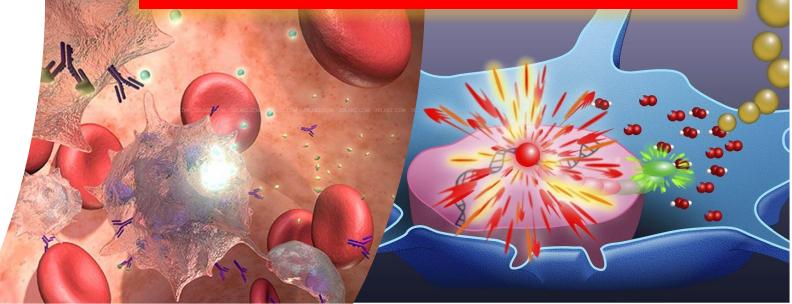
Dysfunctional cell autophagy leads to waste accumulation

# **Cellular health**

- Waste accumulation and dysfunctional recycling
- Reactive oxygen species (ROS)
- Gene mutations
- Inflammation



# **Cellular dysfunction**



# AMD AGE-RELATED MACULAR DEGENERATION A GLOBAL HEALTH PROBLEM



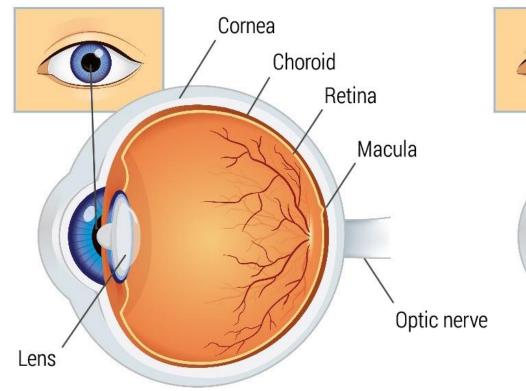
#### **RETINARI OBJECTIVES:**

Reduce AMD cases causing (legal) blindness **by 25 %** Reduce the economic burden of AMD in the EU by **25 B€** 

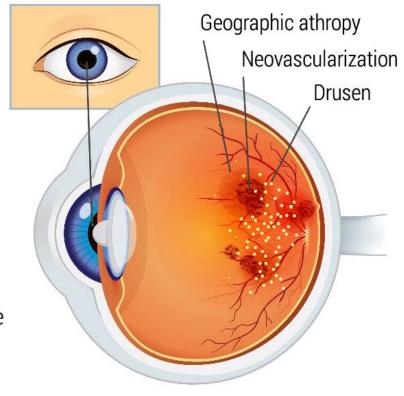
≻ By **2040** 



#### A HEALTHY EYE



#### **B** AMD EYE





**Prevent vs. Repair** 

#### PROBLEM

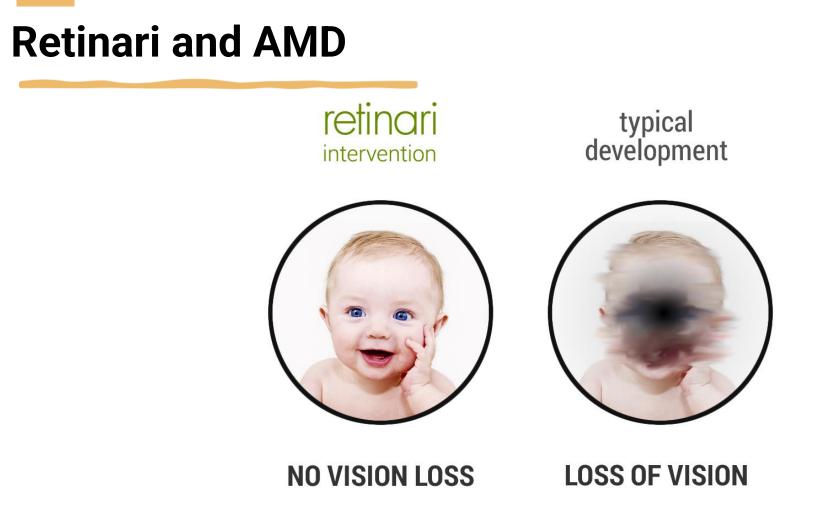
AMD is currently addressed only in the late stage, by expensive (500€–2000€ per shot) and painful drug injection treatments to the eye.



#### SOLUTION

Prophylactic dietary supplement intervention on AMD development already **before onset or in the early stage**, years before injections are even required.

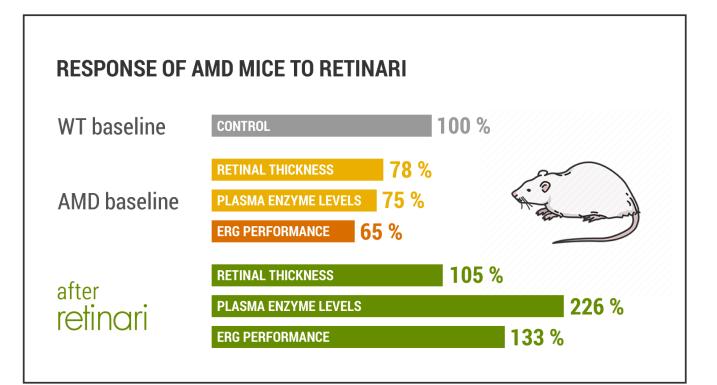




Retinari<sup>™</sup> improves the **underlying** conditions behind AMD, the agerelated **impairment of autophagy** and retinal **cytoprotective** capacity.



# A unique value proposition



#### AMD animal studies<sup>\*</sup> show substantial beneficial effects from Retinari in **vision** and **tissue** level.

Pinosylvin Extract Retinari<sup>™</sup> Sustains Electrophysiological Function, Prevents Thinning of Retina, and Enhances Cellular Response to Oxidative Stress in NFE2L2 Knockout Mice Oxidative Medicine and Cellular Longevity December 2021(Part B):1-16 DOI:10.1155/2021/8028427

# Treatment with Pinosylvin extract Retinari<sup>™</sup> sustains electrophysiological function and prevents thinning of retina in AMD mice.

International Journal of Molecular Sciences. 2020. 21.

# A major market opportunity

Retinari<sup>™</sup> will target a **3.2 B€ AMD supplement market** predicted to grow at **7–9** % **CAGR** for the next 30 years due to aging populations.

2025 2040 SERVICEABLE MARKET SIZE TARGET MARKET SHARE MARKET SIZE TARGET MARKET SHARE 55 M 3.2 M 115 M 115 M 11.5 M

A 10 % market share by 2040 would translate into 1.1 B€ revenue

Source data: Persistence Market Research, 2016, EURETINA Report (European society of Retina Specialists), August 2017 and https://www.who.int/blindness/en/.

# **Eevia targets health challenges with bioactive extracts from arctic plant material.**



Organic, wild-harvested berries, bark, and mushrooms. Products address important global health challenges -> Cellular recycling



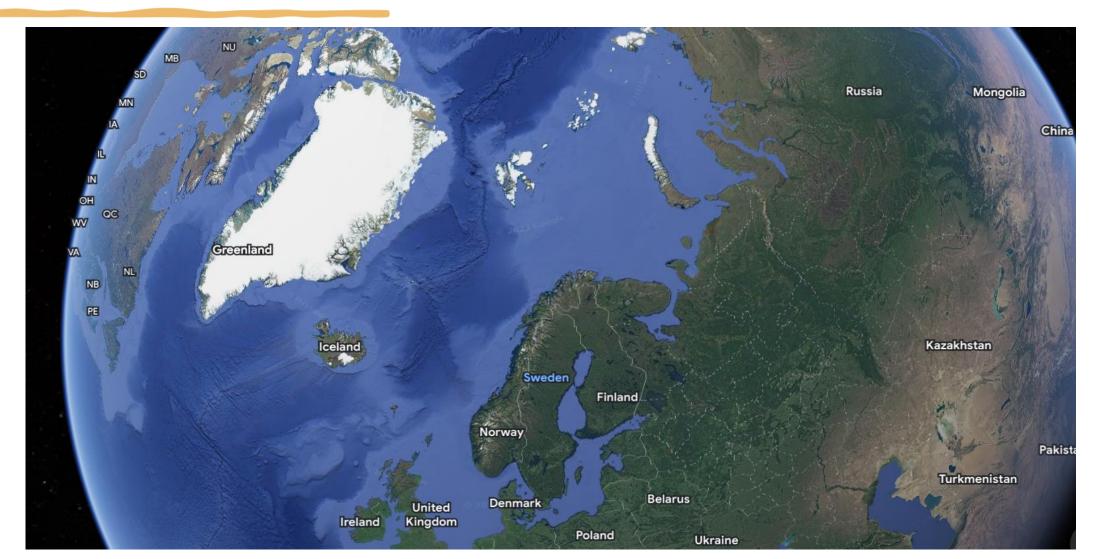
Sustainability and environmental responsibility Operating a state-of-the-art green chemistry production facility in Finland.

Net revenues 2022: € 5,9 M

**EBITDA 2022 € 0,02 M Employees: 28** 



#### Arctic renewable high-potency organic raw materials



HEALTH

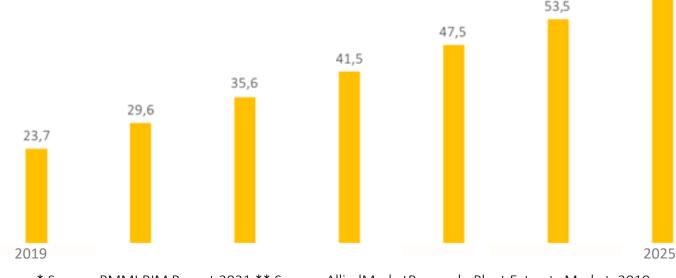
# **Demand for natural extracts**

- Increased health awareness drives demand for prophylactic health products
- Geopolitical tensions cause Western brand owners to seek Western supply
- Demographic shifts in the global population and an increasing average life expectancy drive the need for cellular health supplementation



# **Plant extracts market**

- Global nutraceuticals market estimated @ USD 241B in
  2019 and projected to be USD 373 B in 2025 (CAGR 7,5%)\*
- Global Plant extract market estimated @ USD 24 B in
  2019 and projected to be USD 59 B 2025 (CAGR 16,5%)\*\*



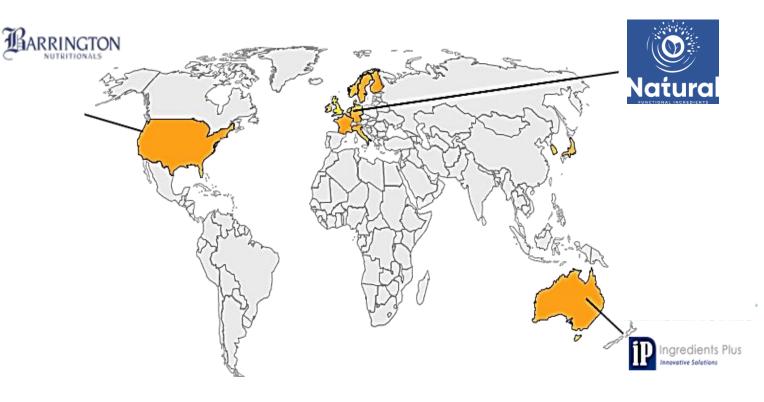


59.4

\* Source: PMMI BIM Report 2021 \*\* Source: AlliedMarketResearch, Plant Extracts Market, 2019

Markets & Distribution

- Eevia's key markets are USA, Europe, and Australia
- Carefully selected high-quality distributors provide a wide and deep market access
- Potential new geographical market areas in Asia





# **Product portfolio**

Abundant resources	Ingredient products	Market size
WILD BERRIES	Feno-Myrtillus® Feno-Vitis® Feno-Sambucus®	EUR 1 Billion +*
WILD ARCTIC WOOD	Fenoprolic®	EUR 0,5 Billion +**
WILD ARCTIC FUNGI	Feno-Chaga®	EUR 160 Million +***

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LUMENE THE FREEZE NORT CEEDEN Kentycher Porse



\* Source: World Health Organization \*\* Source: Mintel GNPD; Zion Market Research 2018 \*\*\* Source: Management estimates

# Autophagy from berry anthocyanins

Recent study showed that bilberry anthocyanins induced autophagy by activating AMPK-mTOR pathway and alleviating oxidative stress caused by aging in rats (Li et al 2019, J Agric Food Chem)

Cherry anthocyanins have been proven to increase autophagy in HepG2 cells

Cherry anthocyanins (CACN) activates autophagy in HepG2 cells. OA=oleic acid, oxidative stressor; 3-MA= autophagy inhibitor Chu et al 2019, Oxidative Medicine and Cellular Longevity

-	OS + control			
	OS + Anthocyanin			
	OS + autophagy inhibitor 3-MA			
ce or	ells.	Cell amount	Autophagy marker LC3B	Autophagy marker ATG7

HEALTH

ANTHOCYANINS MAY BE A POTENTIAL WAY TO INCREASE CELLULAR RECYCLING

## **Competitive landscape for berry extracts**

- Depending on the market and product line, Eevia has distinct competitors for each category
- For bilberry extracts, BGC, Indena and Linnea
- For elderberry extract, Artemis International
- For lingonberry extract, Iprona and BGG

	indena	B C BGG	Others	
Brand awareness	۷			(√)
Quality	V			٧
Cost		(√)	(√)	٧
Organic				V
Focus				V
Supply chain	V	٧		۷

OCT

## Eevia as a unique supplier

- Organic certification from the Nordic
- Manufacturing close to harvesting sites results in authetic and sustainable products
- Unrivaled quality and high potency
- Beneficial composition, anthocyanin profile, nutritional profile, possibilities for differentiation



# Management team



Petri Lackman - Chief Technology Officer



Harri Salo – Chief Manufacturing Officer



Stein Ulve - Chief Executive Officer



Matleena Kotila – Commercial Manager



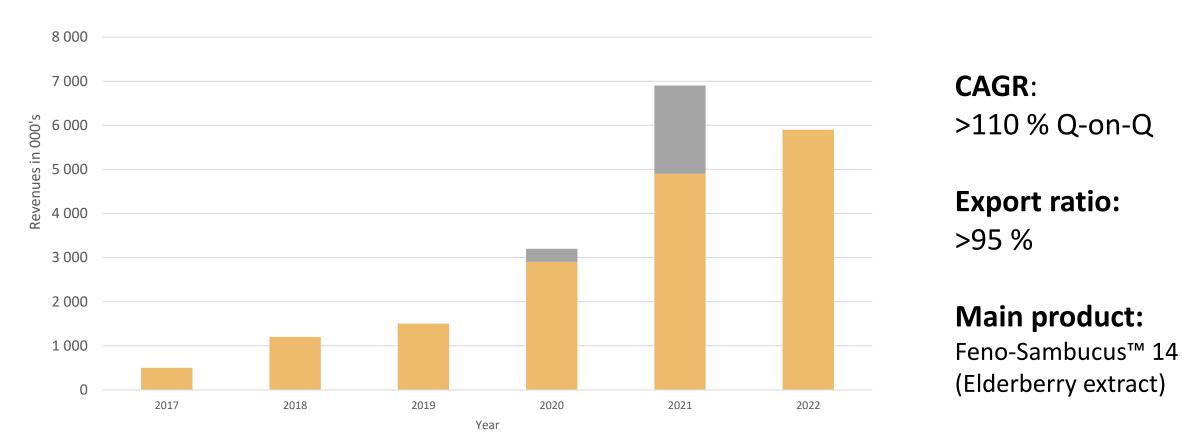
## Share price development

**Eevia Health share price at Spotlight Stockmarket** 



Share price: SEK 1,55 Market Cap: SEK 47 millioner **P/S-ratio**: 0,67 **Equity research:** Analyst Group https://analystgroup.se/bolag/ eevia-health/

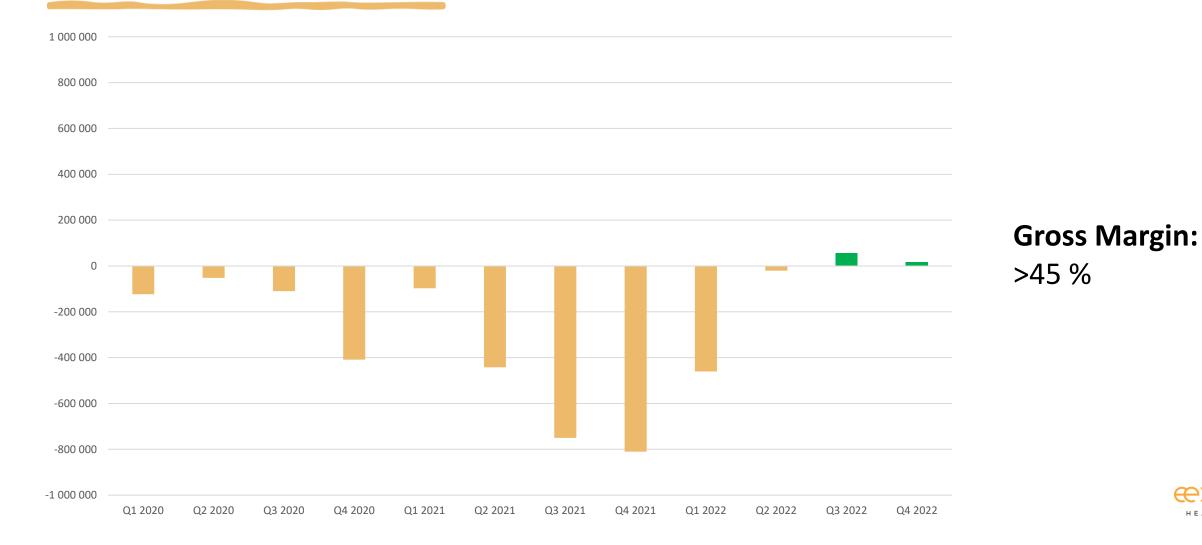
# Net revenue development 2017 - 2022



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Revenues Trading

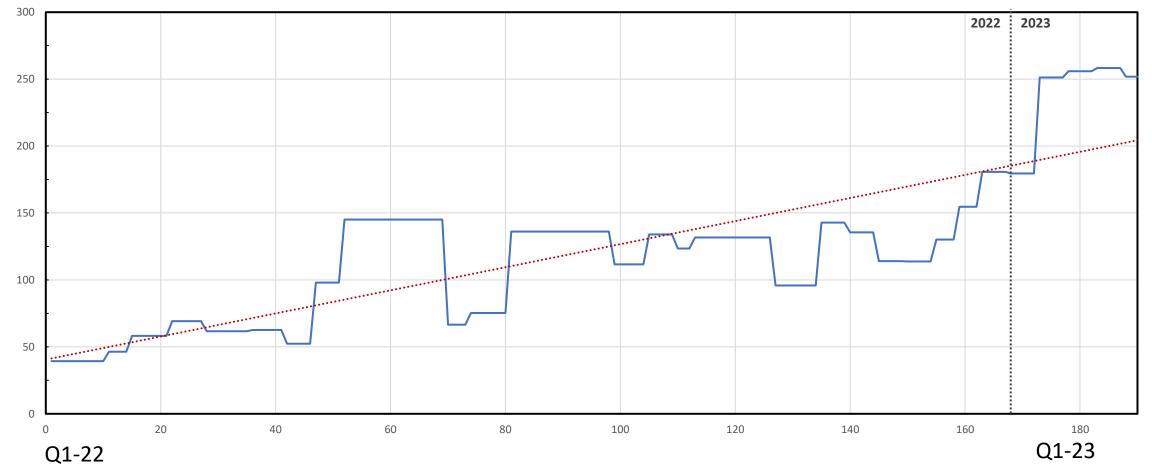
### EBITDA development Q1-20 – Q4-22



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# **Production performance development**

**Product Equivalent Output per batch (Campaign Averages)** 



Key Milestones reached in Q1 2023: First-ever campaign(s) completed with over 250 Product Equivalent Output on average.

# **Summary of Eevia value proposition**

- Unique position with organic highquality extracts from the arctic
- Strong supply chain in key raw material markets.
- Differentiation options as value drivers
- Huge market- and growth potential in key indications such as cellular health



# THANK YOU FOR YOUR ATTENTION!

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www.eeviahealth.com