



## 1971

#### PhD in Brewing and Fermentation



## What if?



#### What if you could make claims on:



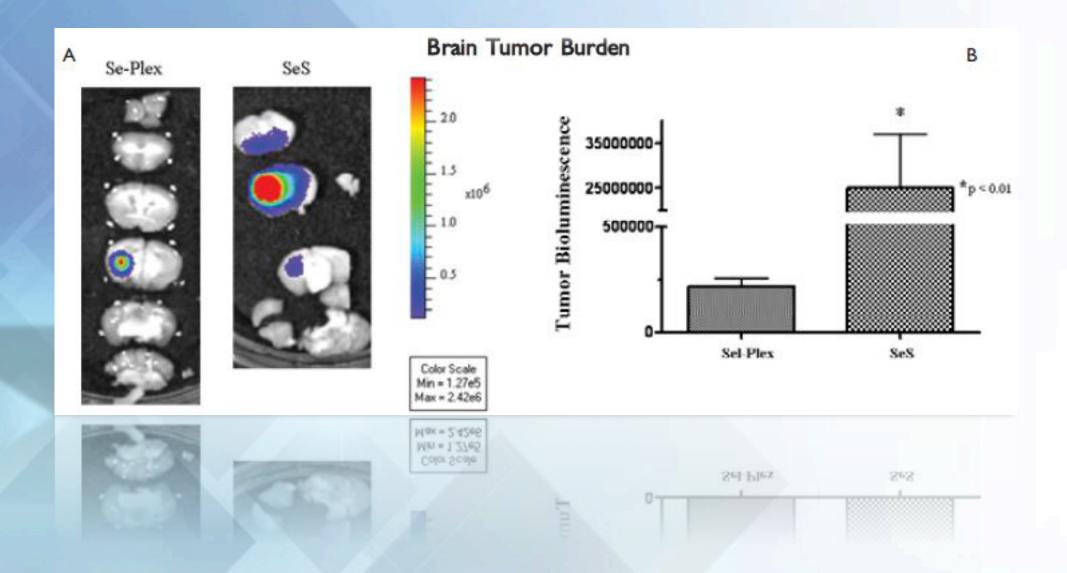
- Cancer
- Alzheimer's
- Antibiotic Free
- ·Brain, cardiac health







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#### **SEL-PLEX Enriched Food Products**



Mega Egg - UK







Gyermelyi - Hungary



NutriPlus - Malaysia



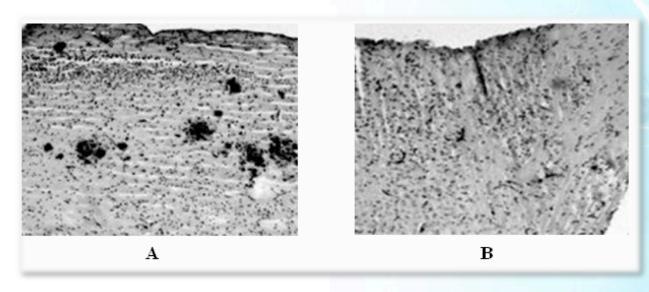


- Cancer
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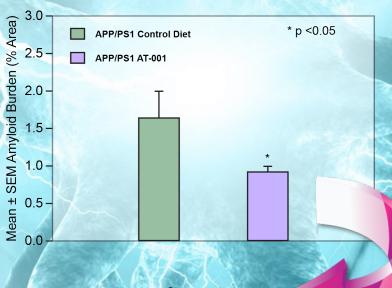


**Altech**°

# AT-001 decreases amyloid plaque burden in a mouse model of human AD



Representative micrographs of APP/PS1 mice fed a normal diet (A) or a AT-001-supplemented diet (B). Lovell et al., 2009)



45-50% reduction





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## Claims: BIO-MOS®

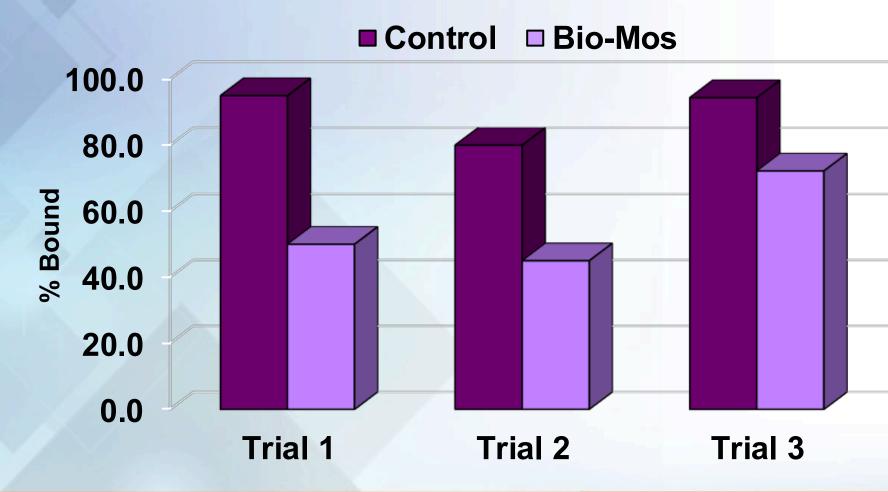
- Reinforces the function of the digestive system
- Contributes to managing the risk of diarrhoea
- Contributes to immune system development
- Improves nutrient utilisation



# Consistently Protects Against Salmonella Infection

Producers can command a double premium

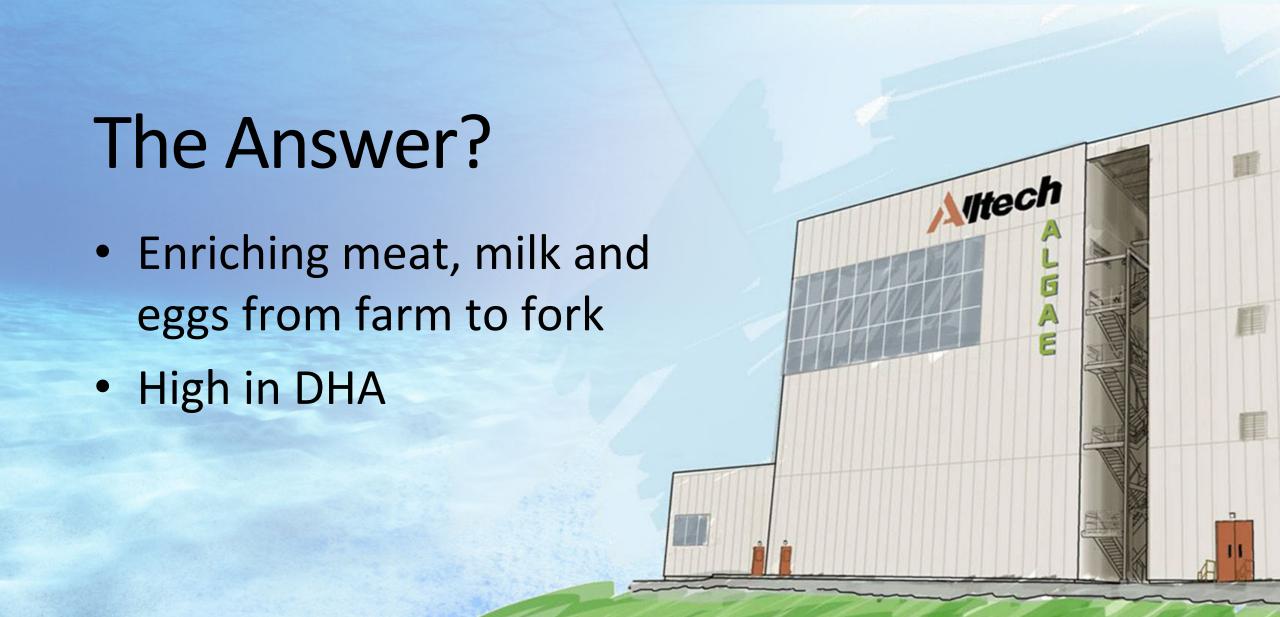
 functionality and antibiotic free





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#### International EPA + DHA Recommendations

The average adult is taking in 60-80 mg of DHA in their daily diets, well below the 220 mg/day recommended by the ISSFAL.

Organization	Population	DHA + EPA Recommendations
Academy of Nutrition and Dietetics	Adults	≥500mg/day
American Heart Association	Adults without coronary heart disease (CHD)	~500mg/day
American Heart Association	Adults with coronary heart disease (CHD)	~1,000mg/day
US Department of Agriculture	Adults	≥250mg/day
International Society for the Study of Fatty Acids and Lipids	Infants 1-18 months	32mg/lb/day
International Society for the Study of Fatty Acids and Lipids	Children 1.5-15 years	15mg/lb/day
International Society for the Study of Fatty Acids and Lipids	Adults	≥500mg/day with a minimum of 220mg EPA and 220mg DHA
European Food Safety Agency	Adults	≥250mg/day
World Health Organization	Adults	≥250mg/day
European Commission	Adults	200mg/day
Japan Society for Lipid Nutrition	Adults	~1,000mg/day





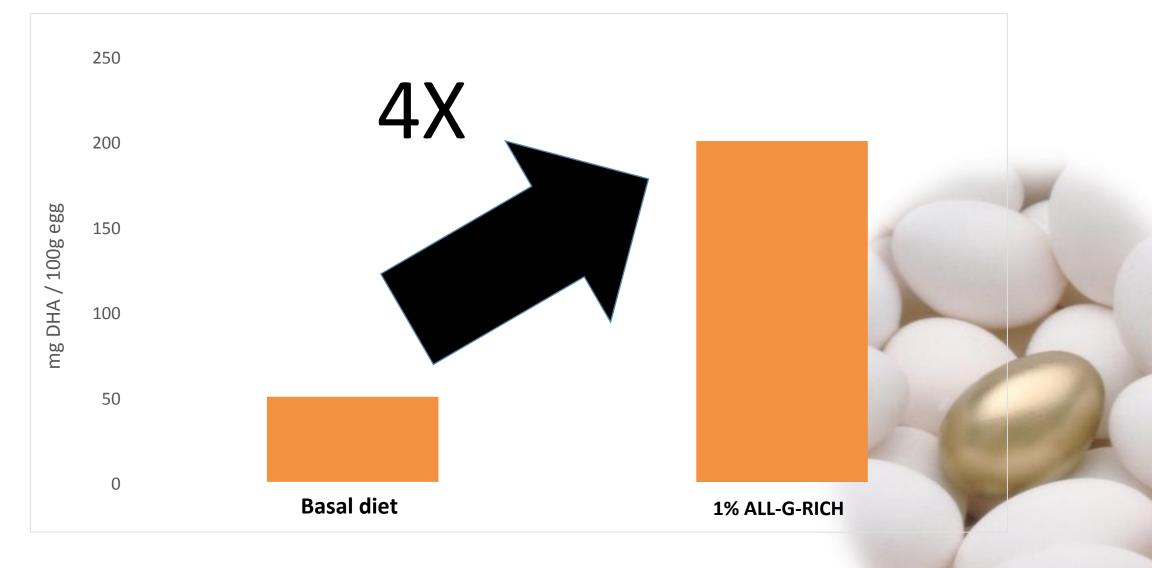
Could a couple of eggs a day help to keep the Doctor away?

#### **EFSA says YES!**

- Better health
- Better vision
- Better cognitive function



#### **DHA enrichment of Eggs – Commercial Trial in United Kingdom**







## Sainsbury's













# Can we do this cost effectively?







Better health for all ages

**Altech**°













## one Alltech.com



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