



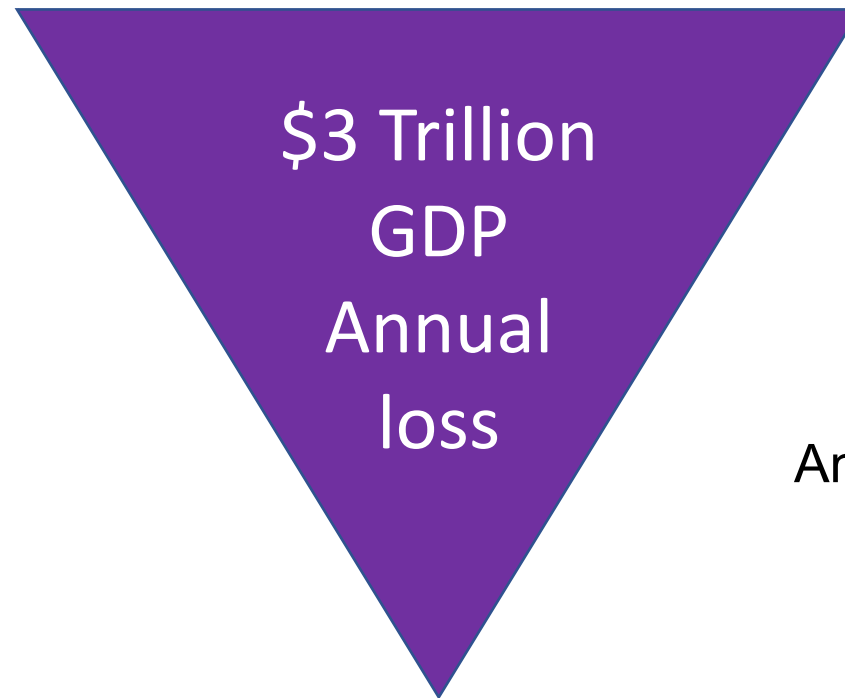
SELENBIO

CHEMICAL

*Antimicrobial Coatings*  
*Protecting what's important*

# The Problem

**BACTERIA - FUNGI - VIRUSES - MOLD - YEASTS - BIOFILM**  
**Germs** in our homes, workplaces and medical facilities **cost** industry  
trillions of dollars each year



Estimated burden of  
Antimicrobial Resistance  
(AMR)

Source [ncbi.nlm.nih.gov](https://ncbi.nlm.nih.gov)

# Hidden Dangers

**Candida Auris**, the super bug is now listed by the CDC as 1 of 3 urgent antibiotic resistant fungal threats

**Noro Virus**, 700 Million disease cases, over 200,000 deaths and \$60 Billion plus in annual associated costs

**AMR estimates** could cost US \$100 trillion between now and 2050, with annual death toll reaching 10 million over that period.



# The Solution

## SELDOX®

**Integrate SELDOX® Antimicrobial Compound into paints and coatings to transform products and exteriors into germ resistant neutralizing surfaces\***

- **99.99% Effective** in neutralizing bacteria and viruses also prevents biofilm formation and attachment
- **Cost Effective** — SELDOX® is a fraction of the cost of traditional silver, copper and other antimicrobials
- **Non-toxic** to the environment

\* Seldox® integration with coatings present patent pending



***Kills Staph, MRSA, Strep,  
E.coli, Salmonella...***

# Market Size



\$178.9  
Billion

## Worldwide Paints and Coatings Market

Estimated to grow to **\$242.7 Billion** by 2025

Source  
Reuters 3-20-2019



\$107.4  
Billion

## Worldwide Industrial Coatings Segment

Estimated to grow to **\$139 Billion** by 2024

Source  
Bloomberg Business Bloomberg.com  
marketsandmarkets

Opportunity in 1 segment  
within a larger vertical



\$8.7  
Billion

## Marine Coatings Segment

2018 market  
Est. **\$15 Billion** by 2024

Source  
Global Market Insights Jan 2017

# Markets and Applications

## Antimicrobial, Antifungal, Antiviral

Schools  
Hospitals  
Airports  
Restaurants  
Touch Screen  
Water Filtration  
Commercial / Residential

## Antifouling Market

Mooring lines/ Buoys  
Shipping vessels/ Cruise ships  
Military  
Drilling rigs and production platforms  
Pipelines  
Inland waterway transport  
Fishing boats

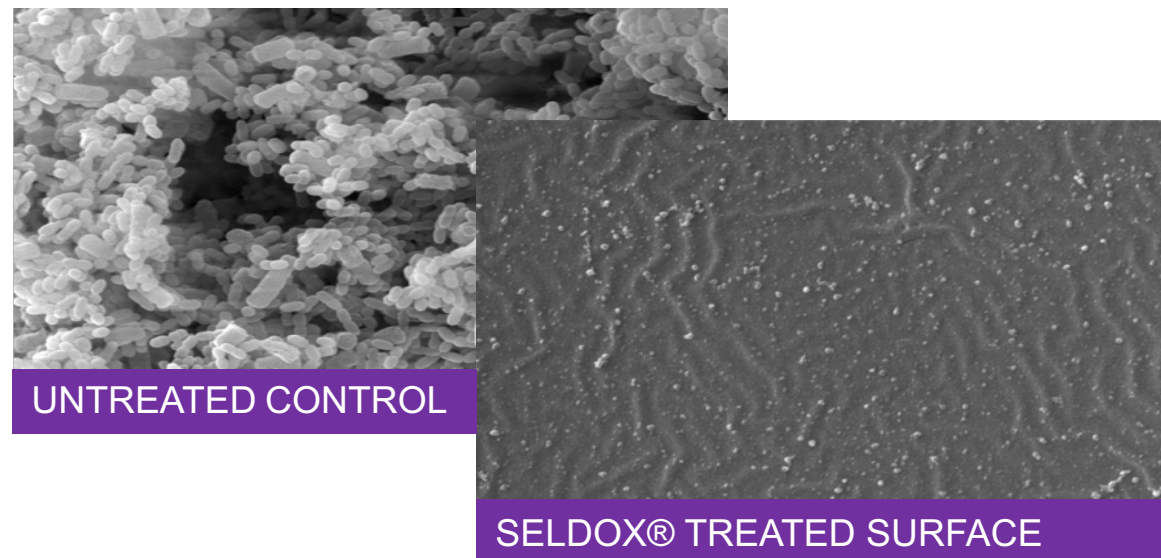
# The Technology

**SELDOX® ... SE**Lenium-re**D**uction-**O**Xidation reaction

*Selenium-Based Protection Against Bacteria, Viruses, Molds, Yeasts and Biofilm*

- **Proprietary** compound provides covalently-bound, permanent catalytic generation of antimicrobial superoxide radicals
- Provides targeted, **non-leaching** protection with no safety concerns
- (Selenium required by body)
- **FDA-approved** SELDOX® proven in dental and veterinary healthcare applications and preliminary success in paint testing

## LABORATORY TESTING WITHOUT AND WITH SELDOX



**Protect and Prevent**

# The Team



**Brent Fisher**  
**CEO**  
**Entrepreneur**

30 Years Start up  
experience



**Bill Kivler**  
**Board**  
**Member**  
**Consultant**

23 years Walt Disney  
Technical Executive.  
Expert in Licensing



**Kenny**  
**Gallagher**  
**CFO**

30 years of startup,  
growth, and C-level  
executive  
management  
experience



**Ted Reid,**  
**PhD, Chief**  
**Science**  
**Officer**

Co inventor of  
Seldox® technology.  
Professor, Texas Tech  
University Health  
Science Center