

SelenBio Chemical, Inc.

Commercialization of Innovative SELDOX® Antimicrobial Technology
In
Paints, Coatings & Films

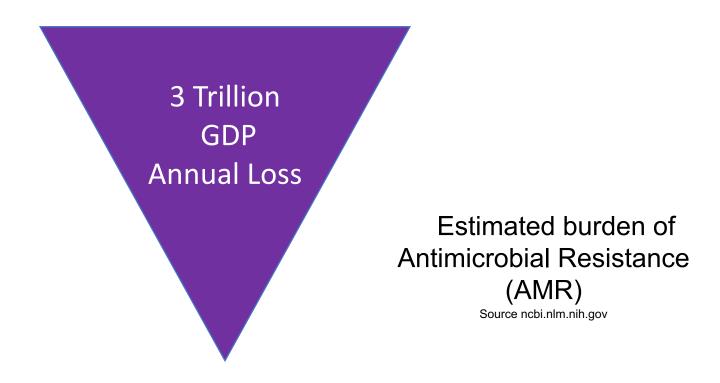
https://www.selenbiochemical.com/

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The Problem

BACTERIA - FUNGI - VIRUSES - MOLD - YEASTS - BIOFILM

Germs in our homes, workplaces and medical facilities cost industry trillions of dollars each year





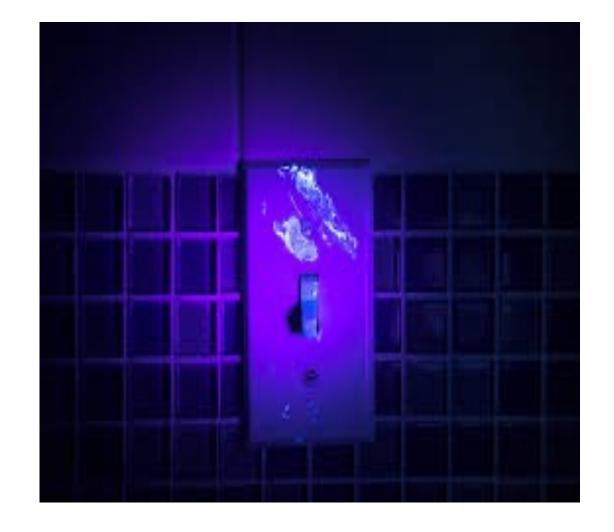
Current Threats

Covid-19 pandemic, over 180.5 million cases and 3.9 million deaths to date worldwide with trillions of lost revenue

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

FDA



Catalytic

Non-Leaching



Safe

Highly Effective

Economical



SELDOX® Inhibition

Successful outcomes have been achieved against the following:

Gram Positive

- Staphylococcus aureus
- Streptococcus salivarius
- Enterococcus faecalis
- Streptococcus mutans
- Streptococcus pneumoniae
- Staphylococcus epidermidis
- Enterococcus casseliflavus

Gram Negative

- Pseudomonas aeruginosa
- Serratia marcescens
- Escherichia coli
- Fusobacterium nucleatum

Mold

- Trichophyton mentagrophytes
- Aspergillus brasiliensis
- Aureobasidium pullulans

Yeast

- Candida albicans
- Malessezia furfur
- Saccharomyces cerevisie



The Technology

SELDOX® ... SELenium-reDuction-OXidation reaction

Protect and Prevent

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
- EPA-approved SELDOX® in paints, coatings and films
- FDA-approved SELDOX® proven in dental and veterinary healthcare applications

UNTREATED CONTROL

LABORATORY TESTING WITHOUT AND WITH SELDOX

SELDOX® TREATED SURFACE



Potential Partners or licensees



ADVANCED MATERIALS







ARCHITECTURAL







MARINE INDUSTRIAL







MEDICAL AND AEROSPACE











Partnership

How we bring our revolutionary technology to the world



- With strategic partners where we offer improved consumer product values
- Patented advantage & value driven proposition
- We will be the sole and exclusive provider of SELDOX® compound and receive licensing compensation on products in the partnership
- Market/Product exclusivity will be explored as an option for dedicated partners



Company Strategy



Upon securing adequate funding the company plans to obtain an EPA 152.25 exception for SELDOX® inclusion in paints, coatings and films. Estimates to successful completion of this process will be 6-8 months

Simultaneous with securing EPA registration, SBC intends on developing and testing processes with identified companies in order to perfect coatings formulations which will incorporate its SELDOX® compound and exhibit effective antimicrobial properties

SBC will then be able to offer both direct-sales in response to attractive large volume contracting and solicit sublicensing opportunities that will allow it to scale at a more rapid rate



The Team



Brent Fisher CEO

Entrepreneur 30 Years Start up experience



Kenny Gallagher CFO

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



Ted Reid, PhDChief Science Officer

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





Antimicrobial Coatings

Protecting what's important.