

SelenBio Chemical, Inc.

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

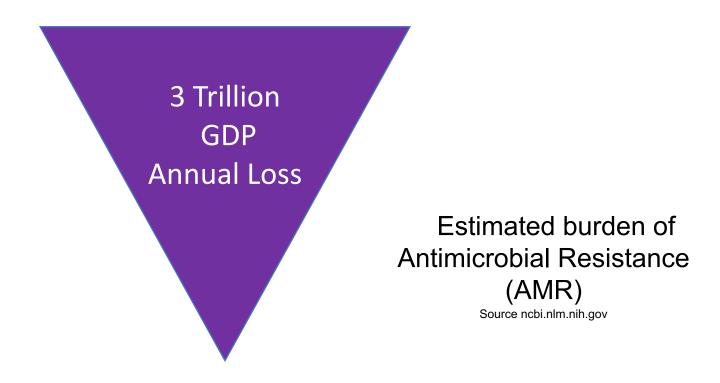
https://www.selenbiochemical.com/

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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





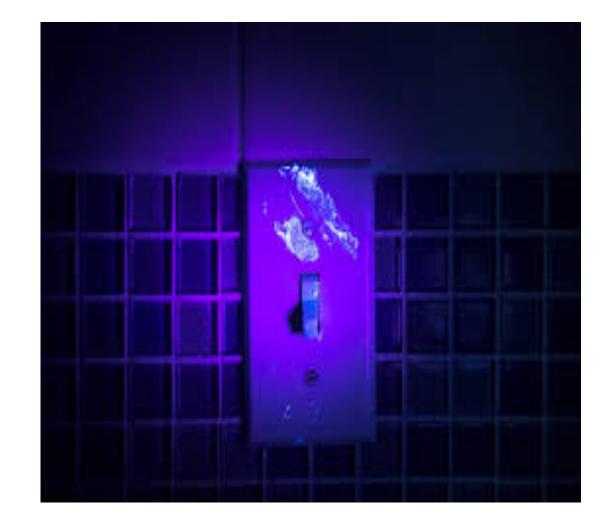
Current Threats

Covid-19 pandemic, over 96.2 million cases and 2.06 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





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



LABORATORY TESTING WITHOUT AND WITH SELDOX





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.