



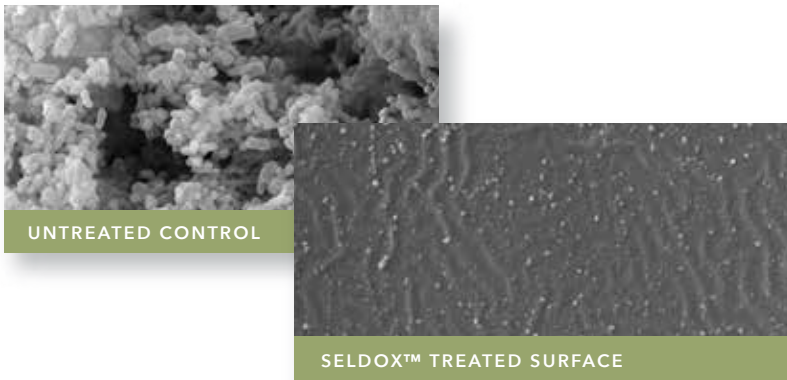
 SELENBIO
SELDOX™

A MONUMENTAL BREAKTHROUGH
IN ANTIMICROBIAL TECHNOLOGY
AND BIOFILM CONTROL

ABOUT SELDOX™ ANTIMICROBIAL TECHNOLOGY...

There is now a safe, permanent solution to biofilm and bacteria. Seldox™ (short for **SEL**enium-**reD**uction-**OX**idation reaction) antimicrobial technology platform provides free radical-mediated antimicrobial, antiviral, and antifungal activity. The permanent catalytic generation of superoxide radicals occurs in the presence of oxygen & sulfur/thiol groups - both are ubiquitous. Free radical generation by the various organo-selenium compounds is preserved when covalently bound to the substrate. Covalent bonding to surface functional groups does not alter free radical generation and can be mixed or suspended in solution and may be linked to targeting agents.

LABORATORY TESTING | WITHOUT AND WITH SELDOX™



THE UNIQUE SELDOX TECHNOLOGY PLATFORM

- Provides numerous commercial opportunities
- Allows focused killing without harm to bystander cells
- Is non-leaching and has a favorable toxicity profile
- Achieves efficacy in low concentrations (several parts per million)
- Is Selenium based, which is nutritionally required by the body
- USP 30 Mammalian Cell Reactivity Testing indicates no toxicological concerns for non-targeted tissues

COMMERCIALLY AVAILABLE PRODUCTS ENHANCED WITH SELDOX™



The DenteShield™ product line has been clinically proven to prevent plaque formation on tooth enamel and the development of white spot lesions. Two (2) FDA 510(K)'s have been granted.



The GingiShield™ veterinary product line promotes healthier teeth and gums for pets, and has been proven to prevent periodontal disease in dogs and cats. Available July 2018.



Seldox™-coated polyester dressings significantly inhibited biofilm formation by all bacteria tested (both Gram-negative and Gram-positive). Of importance is the fact the Seldox coating inhibited biofilm formation not only in the dressing, but in the wound itself over a 5 day period.

SUCCESSFUL TESTING HAS BEEN COMPLETED IN:



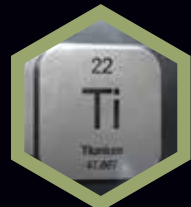
HUMAN WOUND
CARE BANDAGES

CATHETERS



CONTACT
LENSES

TITANIUM



SelenBio, Inc. is a biotechnology company specializing in the prevention of bacterial biofilm formation using molecular additives of redox active selenium for medical, veterinary, dental, ophthalmic and industrial applications.

The company is interested in establishing co-development or sub-licensing agreements with the goal of reaching long-term arrangements with companies that will commercialize products enhanced with Seldox technology.

If interested, contact:



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