

Dr. Carolyn Myers on FendX Technologies' Breakthrough Film Formulation that Kills and Repels Bacteria

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In an insightful interview with Tracy Weslosky from Investor.Coffee, Dr. Carolyn Myers, President, CEO, and Director of [FendX Technologies Inc.](#) (CSE: FNDX | OTCQB: FDXTF), shared significant advancements in nanotechnology relating to antimicrobial films. FendX, having licensed original technology from McMaster University in 2021, [has developed](#) a unique film formulation that both repels and kills bacteria. This breakthrough, achieved through collaboration with McMaster, involves using photoactive nanoparticles, titanium dioxide (TiO_2), which not only serves as a linker in the chemical composition of the film surface but also exhibits killing properties when exposed to light.

Dr. Myers highlighted the exceptional efficiency of this formulation, with the film showing nearly 100% repelling properties (99.8% precisely) and a 99.6% effectiveness in killing residual bacteria. This dual-action capability sets this formulation apart in the market, offering a potentially future superior alternative to existing films that either repel or kill pathogens. FendX's current focus is on producing REPELWRAP™ film, which specializes in repelling bacteria and viruses.

The film formulation referenced in the November 29, 2023, [news release](#), is created by activating the substrate (i.e., plastic like Saran wrap), then coating it with TiO_2 and fluorosilane

followed by thermal shrinking creating a surface that significantly prevents bacterial adhesion. Dr. Myers contrasted FendX's technology with other existing surface protection films that effectively kill microbes when they come in contact with the film surface, but this takes time leaving a potential window of opportunity for transmission before the bacteria are killed.

In terms of applications, Dr. Myers emphasized the potential versatility of FendX's technology, with the company developing both film and spray products. The primary application areas include healthcare and other high-traffic environments. The spray technology, still in early development, promises even broader applications due to its ease of application.

To access the complete interview, [click here](#)

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About FendX Technologies Inc.

FendX is a Canada-based nanotechnology company focused on developing products to make people's lives safer by reducing the spread of pathogens. The Company is developing both film and spray products to protect surfaces from contamination. The lead product under development, REPELWRAP™ film, is a protective surface coating film that, due to its repelling properties, prevents the adhesion of pathogens and reduces their transmission on surfaces prone to contamination. The spray nanotechnology is a bifunctional spray coating being developed to reduce contamination on surfaces by repelling and killing pathogens. The Company is conducting research and development activities using its nanotechnology in collaboration with industry-leading partners, including McMaster University. The Company has an exclusive worldwide license to its technology and

IP portfolio from McMaster, which encompass both film and spray coating nanotechnology formulations.

To learn more about FendX Technologies Inc., [click here](#)

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