Kansas School Districts Implement Synexis® BioDefense System to Improve Indoor Environmental Quality

Numerous districts have utilized Kansas Department of Health and Environment grant funding to install Synexis BioDefense System

LENEXA, KS – December 6, 2022 – More than 10 school districts in Kansas have recently installed Synexis® BioDefense System to improve indoor environmental quality (IEQ). Through the Stay Positive Test Negative initiative, each district received a grant from the Kansas Department of Health and Environment and selected to implement Synexis BioDefense Systems that produce patented Dry Hydrogen Peroxide (DHP™) to help clean both air and surfaces in occupied spaces.

"Schools in Kansas have pushed to find technology that can assist in providing a cleaner environment for students, staff and teachers," said GA Buie, Executive Director, United School Administrators of Kansas. "Through ESSER grants and diligent research, Synexis BioDefense Systems have been selected by many of our districts. Using this technology will assist with providing cleaner air and surfaces while reducing opportunities for staff and students to encounter pathogens, that may ultimately translate into less absences."

A recent Harvard University study highlighted the importance of a clean, healthy indoor environment and its impact on overall cognitive ability. The results indicate that the reduction of VOCs (Volatile Organic Compounds) within indoor environments increases the overall cognitive ability of an individual by 60%.[1] The study indicates "indoor environments play a critical role in the overall well-being because of both the amount time we spend indoors (90%) and the ability of buildings to positively or negatively influence our health."[1]

The Synexis BioDefense System offers innovative technology to continuously address certain harmful pathogens in the air and on surfaces through a process by which naturally occurring oxygen and humidity in the air is converted to DHP™ (H_2O_2). DHP™ travels throughout an enclosed space to actively reduce levels of bacteria, mold, odors and viruses (including SARS-CoV2 and its variants).

"Synexis is proud to partner with school districts across Kansas and many other states. Our innovative DHP™ technology reduces pathogens, mold, and odors. The reduction of microbial burden in schools and public spaces is incredibly important as we face issues like cold, flu and RSV." said Dennis Doyle, Chief Executive Officer (CEO), Synexis. "The Synexis BioDefense System with DHP™ is designed to continuously improve occupied indoor environments without disruption, allowing students and faculty to focus on what really matters — education."

About Synexis

Synexis mission, since 2008, has been to make the air we breathe and the surfaces we touch continuously cleaner. Synexis BioDefense System is the industry leader in microbial reduction where our innovative Dry Hydrogen Peroxide (DHP™) fights viruses, bacteria, mold, odors and more. Our patented devices have undergone rigorous testing by Underwriters Laboratories (UL) and are certified to meet UL 2998 guidelines for zero ozone emissions. Since we produce zero ozone, our devices can run 24/7/365 without anyone needing to leave the room. There's a reason we were named one of ***Newsweek's Best Infection Prevention Products of 2021***. We

strive to improve Indoor Environmental Quality (IEQ) and are proud to support infection preventionists worldwide as a **2022 APIC Strategic Partner.**

Synexis® devices currently in use in the USA provide DHP™ coverage to more than 40 million square feet of indoor spaces in a variety of industries such as healthcare, education, sports and recreation, food services and many more. Our Synexis BioDefense Systems are regulated by the US Environmental Protection Agency (EPA) and state governments as devices. Synexis devices are produced in EPA-registered facilities and packaged and labeled in accordance with EPA regulations appearing at 40 CFR 152.500. The effectiveness of our DHP™ technology is supported by data from many peer-reviewed studies. Synexis turns the places and spaces we exist into places where we can all breathe a little easier.

Visit our **website** to learn more and follow us on **Facebook**, **LinkedIn** and **Twitter**!

MEDIA CONTACT
For press inquiries, please contact Felicia Tyler at ftyler@synexis.com or Jennifer Westphal at jennifer.westphal@fleishman.com.

[1] Allen JG, MacNaughton P, Satish U, Santanam S, Vallarino J, Spengler JD. 2016. Associations of cognitive function scores with carbon dioxide, ventilation, and volatile organic compound exposures in office workers: a controlled exposure study of green and conventional office environments. Environ Health Perspect 124:805–812; http://dx.doi.org/10.1289/ehp.1510037