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Lumagenics to Attend and Present Scientific Efficacy for New Handheld, UV Surface Disinfection Device at IDWEEK 2019

Novel, Handheld, UV Technology for Surface Disinfection While Patients or Staff are Nearby

Cary, NC, September 16, 2019 – New clinical data demonstrating for the first time, pathogen reduction on surfaces in seconds rather than minutes with no heat generation. **Dr. David Weber, M.D., M.P.H.**, Medical Director of the Departments of Hospital Epidemiology (Infection Control), and Environmental Health and Safety for the UNC Health Care System will be presenting the findings in a **Scientific Poster Session** (poster #1220) at **IDWeek 2019** Washington, DC. The session will take place October 4, 2019 at 12:15pm in Hall B+C.

The study focused on the efficacy of a low heat-generating, polychromatic, UV disinfection technology that was designed for surface disinfection to complement current manual cleaning and disinfection processes to aid in the battle against Healthcare Associated Infections (HAIs) and surface recontamination. The technology referenced in the study, Cool UV™ proved efficacious in direct log₁₀ reductions of Multidrug-resistant organisms (MDRO's) comparable to those achieved by other UV-based devices already in the market, but in a fraction of the time.

The occurrence of HAIs continues to escalate at an alarming rate. Product limitations, time constraints and improper usage of readily available surface disinfection products remain a challenge for the industry.

In a statement from the CEO Chip Gillooly, the magnitude around the impact of HAIs has not yet been acknowledged “We are confident about our ability to help in this battle against HAIs. For too long this has been a (hidden) battle that has been waged with not enough resources and not enough success. To put this in context, the opioid crisis has reached critical levels across the US, destroying lives and creating tremendous financial burdens for both people and institutions. I applaud our country’s efforts to address this issue, but want to remind everyone that there are nearly twice as many deaths from HAIs each year. Yet, we have not yet seen the level of attention and innovation brought to this battle. I hope that the introduction of our Cool UV technology can begin to change the current situation just a little”.

Lumagenics is passionate about the fight against HAIs, as all members of the company have had the HAI battle personally touch their lives. The power behind Lumagenics Cool UV technology reduces the population of epidemiologically important pathogens, within seconds, by log₁₀ reductions similar to “no touch” UV systems currently on the market that require operational disinfection cycle times of between 3 and 55 minutes. Due to the rapid rate of disinfection, the Cool UV powered device tested can be used effectively to complement any health care facility’s routine, daily cleaning and disinfection protocols. **Lumagenics expects to launch their first Cool UV powered surface disinfection device commercially in 2020.**

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About Lumagenics

Lumagenics is a privately held, technology platform company located near Research Triangle Park, North Carolina. Our mission is to transform today's current disinfection approaches by *harnessing UV light to combat pathogens*. Through decades of research and development, our team has engineered a photonic system to generate an intense, precisely-controlled spectrum of UV light for the purpose of targeted, rapid disinfection. We do this without generating excess heat – a technology we've trademarked as "**Cool UV**". The technology can be applied to Air, Water, and Surface Disinfection. For more information, visit lumagenics.com.

About Dr. Weber

Dr. Weber is a world-renowned key opinion leader in the advanced study and treatment of infectious diseases with a professional goal to eliminate all preventable healthcare-associated infections. Dr. Weber currently has several roles within the UNC Health Care system, including: Professor of Medicine and Pediatrics in the University of North Carolina (UNC) School of Medicine, Professor of Epidemiology in the UNC School of Public Health, Associate Chief Medical Officer for UNC Health Care, and is the Medical Director of the Departments of Hospital Epidemiology (Infection Control), and Environmental Health and Safety for the UNC Health Care System. He also serves as Associate Director of the North Carolina Statewide Infection Control Program (SPICE). *Dr. Weber currently serves on the advisory board of Lumagenics and reported personal fees during the study.*