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NEXGEL Reports Positive Results from Proof-of-Concept Study for its Diclofenac Hydrogel Pain Treatment

LANGHORNE, Pa., Oct. 25, 2022 (GLOBE NEWSWIRE) -- [NEXGEL, Inc.](#) ("NEXGEL" or the "Company") (NASDAQ: NXGL, NXGLW), a leading provider of ultra-gentle, high-water-content hydrogel products for healthcare and consumer applications, announced today positive results from its proof-of-concept study for its diclofenac hydrogel patches. The patches are designed to treat pain indications such as arthritis, joint pain, muscle aches and more.

The study compared NEXGEL's diclofenac hydrogel patches with the leading commercially available topical treatment. It assessed the formulations, skin retention and permeation of the products through the skin. The results revealed NEXGEL's diclofenac hydrogel patches delivered an equivalent dose considerably faster and are longer-acting compared to the current standard-of-care, on a head-to-head basis. They also showed gentle skin adhesion for eight to 12 hours.

Diclofenac patches are a nonsteroidal anti-inflammatory drug (NSAIDs) products that are used to treat short-term pain due to minor strains, sprains and bruises. The early proof-of-concept results validate the potential effectiveness of NEXGEL's technology in drug delivery patches.

"The early-stage data from this study showcases the efficiency of our unique hydrogel and its potential for this product to become a preferred alternative to treat pain as well its potential utility in a host of other applications," said Adam Levy, NEXGEL CEO. "As the Company moves toward next steps of human clinical studies, we are also seeking potential strategic partners as we see this as a potential platform technology. We look forward to updating the market with our progress."

About NEXGEL, INC.

NEXGEL is a leading provider of ultra-gentle, high-water-content hydrogels for healthcare and consumer applications. Based in Langhorne, Pa., the Company has developed and manufactured electron-beam, cross-linked hydrogels for over two decades. Alongside its strategic partners, NEXGEL has formulated more than 200 different combinations to bring natural ingredients to gentle skin patches that can be worn for long periods of time with little to no irritation.

Forward-Looking Statement

This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act") (which Sections were adopted as part of the

Private Securities Litigation Reform Act of 1995). Statements preceded by, followed by or that otherwise include the words "believe," "anticipate," "estimate," "expect," "intend," "plan," "project," "prospects," "outlook," and similar words or expressions, or future or conditional verbs, such as "will," "should," "would," "may," and "could," are generally forward-looking in nature and not historical facts. These forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the Company's actual results, performance, or achievements to be materially different from any anticipated results, performance, or achievements for many reasons including the impact of the COVID-19 pandemic. The Company disclaims any intention to, and undertakes no obligation to, revise any forward-looking statements, whether as a result of new information, a future event, or otherwise. For additional risks and uncertainties that could impact the Company's forward-looking statements, please see the Company's Annual Report on Form 10-K for the year ended December 31, 2021, including but not limited to the discussion under "Risk Factors" therein, which the Company filed with the SEC and which may be viewed at <http://www.sec.gov/>.

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