



## Zynerba Pharmaceuticals Receives New U.S. Patent for Treatment of Fragile X Syndrome with Transdermal Cannabidiol

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DEVON, Pa., Nov. 12, 2019 (GLOBE NEWSWIRE) -- Zynerba Pharmaceuticals, Inc. (NASDAQ:ZYNE), the leader in innovative pharmaceutically-produced transdermal cannabinoid therapies for rare and near-rare neuropsychiatric disorders, today announced that the U.S. Patent and Trademark Office has issued US Patent No. 10,471,022, titled "Treatment of Fragile X Syndrome with Cannabidiol" which includes claims directed to a method of treating Fragile X syndrome, comprising transdermally administering 250 mg or 500 mg of cannabidiol (CBD) daily via a gel or cream.

This new patent, which expires in 2038, is part of an expanding intellectual property portfolio covering the Company's transdermal CBD product candidate, Zysel™ (ZYN002 CBD gel).

Zysel is currently being studied in CONNECT-FX, a pivotal, multi-national, randomized, double blind, placebo-controlled study evaluating the efficacy and safety of Zysel in 204 three through 17-year old FXS patients with full mutation of the FMR1 gene. The primary endpoint is the change from baseline to the end of the treatment period in the Aberrant Behavior Checklist-Community FXS Specific (ABC-C<sub>FXS</sub>) Social Avoidance subscale. Patients who have completed the double-blind phase are now enrolling into the 12-month open label phase. The Company expects to report top line data in the first half of 2020.

### About Zynerba Pharmaceuticals, Inc.

Zynerba Pharmaceuticals is the leader in pharmaceutically-produced transdermal cannabinoid therapies for rare and near-rare neuropsychiatric disorders. We are committed to improving the lives of patients and their families living with severe, chronic health conditions including Fragile X syndrome, autism spectrum disorder, 22q11.2 deletion syndrome, and a heterogeneous group of rare and ultra-rare epilepsies known as developmental and epileptic encephalopathies. Learn more at [www.zynerba.com](http://www.zynerba.com) and follow us on Twitter at @ZynerbaPharma.

### Cautionary Note on Forward-Looking Statements

This press release contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. We may, in some cases, use terms such as "predicts," "believes," "potential," "proposed," "continue," "estimates," "anticipates," "expects," "plans," "intends," "may," "could," "might," "will," "should" or other words that convey uncertainty of future events or outcomes to identify these forward-looking statements. Such statements are subject to numerous important factors, risks and uncertainties that may cause actual events or results to differ materially from the Company's current expectations. For example, there can be no guarantee that the Company will obtain approval for ZYN002 from the U.S. Food and Drug Administration (FDA) or foreign regulatory authorities; even if ZYN002 are approved, the Company may not be able to obtain the label claims that it is seeking from the FDA. In addition, the Company's cash and cash equivalents may not be sufficient to support its operating plan for as long as anticipated. Management's expectations and, therefore, any forward-looking statements in this press release could also be affected by risks and uncertainties relating to a number of other factors, including the success and timing of the Company's product development activities, studies and clinical trials and the Company's expectations regarding its ability to obtain and adequately maintain sufficient intellectual property protection for its product candidates. This list is not exhaustive and these and other risks are described in the Company's periodic reports, including the annual report on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K, filed with or furnished to the Securities and Exchange Commission and available at [www.sec.gov](http://www.sec.gov). Any forward-looking statements that the Company makes in this press release speak only as of the date of this press release. The Company assumes no obligation to update forward-looking statements whether as a result of new information, future events or otherwise, after the date of this press release.

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