Zynerba Pharmaceuticals Builds Management Team

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RADNOR, PA – (PR Newswire – October 1, 2014) Zynerba Pharmaceuticals, Inc., a specialty pharmaceutical company dedicated to the development of innovative transdermal cannabinoid treatments, today named three seasoned pharmaceutical executives to its management team. Donna Gutterman, PharmD, is a consultant who will serve in the role of vice president, medical affairs; Carol O'Neill will serve as vice president, development; and Suzanne Hanlon will serve as general counsel and vice president, human resources. Dr. Gutterman, Ms. O'Neill and Ms. Hanlon will lead the medical, development and legal effort for Zynerba, the first and only transdermal cannabinoid therapeutic company, as it prepares to initiate Phase 1 clinical studies in 2015 on ZYN001, a proprietary prodrug of THC transdermal patch, and ZYN002, a proprietary cannabidiol (CBD) transdermal gel.

Dr. Gutterman is a senior pharmaceutical executive with more than 30 years of experience in clinical development, medical affairs and commercialization in CNS therapy areas. During her career, she has led numerous successful clinical development programs, regulatory approvals and product launches. Prior to joining Zynerba, she served as head of medical affairs for NuPathe through approval and pre-launch of its lead product, Zecuity®, the first transdermal patch for migraine, prior to the company being acquired by Teva Pharmaceuticals in 2014. Previously, Dr. Gutterman served in a variety of executive roles at GlaxoSmithKline. There she was instrumental in the clinical development of Imitrex® and led the medical affairs teams in neurology and psychiatry. Additionally, she led several successful commercial product launches. She earned her Doctor of Pharmacy degree at the University of Kentucky College of Pharmacy and her MBA at the University of North Carolina (UNC) Kenan-Flagler Business School. Dr. Gutterman also serves on the visiting board at UNC Eshelman School of Pharmacy, is an instructor at NC State University and serves as a board member of several nonprofit organizations.

Ms. O'Neill has more than 18 years of development and operational experience in the biopharmaceutical industry. She has completed regulatory submissions and achieved approvals of new pharmaceutical products including a transdermal patch and a transdermal gel. Prior to joining Zynerba, she served as vice president, development operations of NuPathe where she successfully managed the development aspects of the clinical and nonclinical programs of the company's lead product, Zecuity. Previously, she was senior director clinical operations at Auxilium Pharmaceuticals and senior director of operations analysis at Omnicare Clinical Research.

Ms. Hanlon is an accomplished attorney with 32 years of legal experience, particularly in public life sciences companies. She offers expertise in contracts, licensing, compliance, clinical trials, regulatory, litigation, intellectual property and employment law. Prior to joining Zynerba, she served as vice president, associate general counsel of NuPathe where she successfully led the intellectual property strategy and the contracts effort in addition to managing the human resources function and she partnered with senior management to complete a successful IPO. Previously, she was chief development counsel at Auxilium Pharmaceuticals and vice president of global contracts at Omnicare Clinical Research. Ms. Hanlon received her JD degree from Villanova University School of Law and is a member of the Pennsylvania Bar Association, the American Bar Association and the American Corporate Counsel Association.

"As we initiate an aggressive pre-clinical program for our two innovative transdermal cannabinoid treatments in development, we have succeeded in building a first-rate executive team with these vital executive positions," said Armando Anido, chairman and CEO of Zynerba Pharmaceuticals. "Dr. Gutterman, Ms. O'Neil and Ms. Hanlon offer experience in transdermal development, regulatory approval and launch preparation, allowing Zynerba to capitalize on their knowledge and expertise as we work to advance our pipeline for the millions of patients who suffer from chronic and debilitating diseases such as fibromyalgia, neuropathic pain, chronic cancer pain, epilepsy and rheumatoid arthritis."

About Zynerba Pharmaceuticals
Zynerba Pharmaceuticals is dedicated to the development of innovative transdermal synthetic cannabinoid treatments for patients with high unmet medical needs using modern drug delivery technology and appropriate regulatory pathways. Zynerba is developing two therapeutic candidates based on proprietary transdermal technologies that, if successfully developed, may allow sustained, consistent and controlled delivery of therapeutic levels of cannabinoids. Transdermal delivery reduces adverse effects associated with oral dosing. ZYN001 will be studied in chronic cancer pain, fibromyalgia, and peripheral neuropathic pain utilizing a synthetically manufactured prodrug of THC in a transdermal patch to deliver THC through the skin and into the bloodstream. Zynerba expects to initiate ZYN001 Phase 1 clinical studies in 3Q 2015. ZYN002 will be studied in refractory epilepsy and osteoarthritis utilizing a proprietary gel formulated to deliver synthetically manufactured cannabidiol (CBD), a non-psychoactive cannabinoid, through the skin and into the bloodstream. Zynerba expects to initiate ZYN002 Phase 1 clinical studies in 3Q 2015. Learn more at www.zynerba.com and follow the company on Twitter at @ZynerbaPharma.

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