

# Acura Pharmaceuticals Receives Grant From National Institutes of Health to Fund Limitx (TM) Novel Abuse Deterrent Technology

PALATINE, IL -- (Marketwired) -- 08/27/14 -- Acura Pharmaceuticals Inc. (NASDAQ: ACUR), announced today that it has been awarded a \$300,000 grant (the "Grant") by the National Institute On Drug Abuse ("NIDA") of the National Institutes of Health to fund Phase I development of Acura's new, early stage Limitx<sup>™</sup> abuse deterrent technology. The Grant is based on a proposa submitted by the Company to advance the development of a self-regulating hydromorphone tablet intended to deter abuse by excess oral consumption of the tablets.

Under the terms of the Grant, the Company must complete Phase I development by February 28, 2015. Phase I of the project is intended to optimize the formulation in preparation for clinical testing in Phase II. NIDA funding of Phase II development, for which an application has already been submitted, will be contingent upon (1) assessment by NIDA of the Phase I progress report and determination that the Phase I milestones were achieved, (2) review and approval of other documents necessary for continuation, and (3) availability of funds. No assurance can be given that Phase II development funding will be provided by NIDA.

## About Limitx<sup>™</sup> Technology

Limitx<sup>™</sup> technology is a new, early stage technology separate and apart from the Company's other abuse deterrent technologies, Aversion® and Impede®. Limitx<sup>™</sup> is a novel formulation of common pharmaceutical ingredients intended to address abuse by excess oral consumption of multiple tablets. In proof of concept laboratory tests, Limitx<sup>™</sup> demonstrated the ability to limit the release of the active ingredient from tablets when multiple tablets are simultaneously introduced into simulated gastric fluid. Acura has patents pending with the U.S. Patent and Trademark office covering its Limitx<sup>™</sup> technology. While the initial Limitx<sup>™</sup> formulation utilizes hydromorphone as its sole active ingredient, if such development proves successful, it is expected that the technology could incorporate other opioids as well. The need for abuse deterrent formulations which address excess oral consumption was stressed in the January 2013 FDA draft guidance for abuse deterrent opioids.

Phase I Research on the Company's hydromorphone tablet utilizing Limitx<sup>™</sup> technology is supported by the National Institute On Drug Abuse of the National Institutes of Health under Award Number R44DA037921. The results and content of any such research is solely the responsibility of Acura and does not necessarily represent the official views of the National Institutes of Health.

# About Acura Pharmaceuticals

Acura Pharmaceuticals is a specialty pharmaceutical company engaged in the research, development and commercialization of product candidates intended to address medication abuse and misuse, utilizing its proprietary LIMITX<sup>™</sup>, AVERSIO® and IMPEDE® Technologies. LIMITX<sup>™</sup> contains ingredients that are intended to reduce or limit the rate or extent of opioid release when multiple tablets are ingested. AVERSION® contains polymers that cause the drug to gel when dissolved; it also contains compounds that irritate the nasal passages. IMPEDE® is designed to disrupt the processing of pseudoephedrine from tablets into methamphetamine.

In June 2011, the U.S. Food and Drug Administration approved our oxycodone HCl immediate-release tablets which incorporate the AVERSION® Technology. The Company has a development pipeline of additional AVERSION® Technology products containing other opioids.

In December 2012, the Company commenced commercialization of NEXAFED® [pseudoephedrine hydrochloride (HCI)], a 30 mg immediate-release abuse-deterrent decongestant. The next generation pseudoephedrine tablet combines effective nasal congestion relief with IMPEDE® Technology, a unique polymer matrix that disrupts the conversion of pseudoephedrine into the dangerous drug, methamphetamine.

### Forward-Looking Statements

Certain statements in this press release constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such forwarding-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performance, or achievements expressed or implied by such forward-looking results, performance, or achievements expressed or implied by such forward-looking statements. Forward-looking statements may include, but are not limited to:

the results of our development of our Limitx<sup>™</sup> technology;

- our ability to fund, or obtain funding for, products developed utilizing our Limitx<sup>™</sup> technology;
- our ability to enter into a license agreement for our FDA approved AVERSION® oxycodone product;
- our and our licensee's ability to successfully launch and commercialize our products and technologies including AVERSION® oxycodone and NEXAFED® Tablets;
- the results of our meetings or discussions with the FDA relating to our AVERSION® hydrocodone/acetaminophen product;
- whether we will conduct an additional intranasal abuse liability study on our AVERSION® hydrocodone/ acetaminophen
  product and, if conducted, whether the results of such study will support the filing of a New Drug Application and/or a
  claim of intranasal abuse deterrence;
- our and our licensee's ability to obtain necessary regulatory approvals and commercialize products utilizing our technologies;
- the market acceptance of and competitive environment for any of our products;
- the willingness of wholesalers and pharmacies to stock NEXAFED® Tablets;
- expectations regarding potential market share for our products and the timing of first sales;
- our ability to enter into additional license agreements for our AVERSION® Technology product candidates;
- our exposure to product liability and other lawsuits in connection with the commercialization of our products;
- the increasing cost of insurance and the availability of product liability insurance coverage;
- the ability to avoid infringement of patents, trademarks and other proprietary rights of third parties;
- the ability of our patents to protect our products from generic competition and our ability to protect and enforce our patent rights in any paragraph IV patent infringement litigation;
- the ability to fulfill the FDA requirements for approving our product candidates for commercial manufacturing and distribution in the United States, including, without limitation, the adequacy of the results of the laboratory and clinical studies completed to date, the results of laboratory and clinical studies we may complete in the future to support FDA approval of our product candidates and the sufficiency of our development process to meet OTC Monograph standards as applicable;
- the adequacy of the development program for our product candidates, including whether additional clinical studies will be required to support FDA approval of our product candidates;
- · changes in regulatory requirements;
- adverse safety findings relating to our product candidates;
- whether the FDA will agree with our analysis of our clinical and laboratory studies;
- whether further studies of our product candidates will be required to support FDA approval;
- whether or when we are able to obtain FDA approval of labeling for our product candidates for the proposed indications and will be able to promote the features of our abuse discouraging technologies; and
- whether our AVERSION® and Limitx<sup>™</sup> product candidates will ultimately deter abuse in commercial settings and whethe our IMPEDE<sup>®</sup> Technology will disrupt the processing of pseudoephedrine into methamphetamine.

In some cases, you can identify forward-looking statements by terms such as "may," "will", "should," "could," "would," "expects," "plans," "anticipates," "believes," "indicates," "estimates," "projects," "predicts," "potential," and similar expressions intended to identify forward-looking statements. These statements reflect our current views with respect to future events and are based on assumptions and subject to risks and uncertainties. Given these uncertainties, you should not place undue reliance on these forward-looking statements. We discuss many of these risks in greater detail in our filings with the Securities and Exchange Commission. Unless required by law, we undertake no obligation to update or revise any forward-looking statements to reflect new information or future events or developments. Thus, you should not assume that our silence over time means that actual events are bearing out as expressed or implied in such forward-looking statements. In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this press release may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements.

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