ASX RELEASE
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QRxPharma Successfully Completes Comparative Phase 1 Proof-of-Concept Study for MoxDuo® CR Tablet Formulation

Data Indicates Novel Sustained Release Pharmacokinetic Profile for Controlled-Release Formulation

Sydney, Australia and Bedminster, New Jersey – QRxPharma (ASX: QRX and OTCQX: QRXPY) announced today the successful outcome of a Phase 1 trial for MoxDuo CR, a controlled-release (CR) Dual-Opioid™ designed to provide 12 hours of pain relief in patients suffering from moderate to severe chronic pain (including cancer, lower back, osteoarthritis and neuropathic). The purpose of the trial was to determine which of the various experimental formulations provided the optimum duration of drug levels in the blood.

"The successful outcome of this trial reinforces QRxPharma's intellectual property that defines MoxDuo CR as a novel, controlled-release formulation for sustained pain relief. We are now one step closer to addressing the needs of chronic pain patients and entering the multi-billion dollar chronic pain market," said Dr. John Holaday, Managing Director and Chief Executive Officer, QRxPharma. "QRxPharma remains on track to finalising the MoxDuo CR tablet by the end of this year and to be in a position to initiate Phase 2 trials shortly thereafter."

The Phase 1 trial, a single dose crossover design, was conducted in 14 normal healthy volunteers at one US clinical research site. This study compared the rate at which key components of the CR formulation were absorbed, distributed, metabolised and eliminated by the body to the pharmacokinetic profile of Oxycontin® 20 mg (sustained release oxycodone).

Pharmacokinetic results are encouraging, and the profile is consistent with expectations for a twice-daily formulation. Data from this study will significantly aid QRxPharma and its manufacturing partner, Patheon Inc., in finalising the target release profile for the product and finalising the composition of prototype MoxDuo CR tablets.

The Company's MoxDuo® product portfolio includes both immediate and controlled release, as well as intravenous formulations. "Our goal is to provide physicians and patients with a variety of complementary Dual-Opioids for managing moderate to severe pain from hospital to home," added Holaday.

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Forward Looking Statements

This release contains forward-looking statements. Forward-looking statements are statements that are not historical facts; they include statements about our beliefs and expectations. Any statement in this release that states our intentions, beliefs, expectations or predictions (and the assumptions underlying them) is a forward-looking statement. These statements are based on plans, estimates and projections as they are currently available to the management of QRxPharma. Forward-looking statements therefore speak only as of the date they are made, and we undertake no obligation to update publicly any of them in light of new information or future events.

By their very nature, forward-looking statements involve risks and uncertainties. A number of important factors could therefore cause actual results to differ materially from those contained in any forward-looking statement. Such factors include risks relating to the stage of products under development; uncertainties relating to clinical trials; dependence on third parties; future capital needs; and risks relating to the commercialisation of the Company's proposed products.

About QRxPharma

QRxPharma (ASX: QRX and OTCQX: QRXPY) is a clinical-stage specialty pharmaceutical company focused on the development and commercialisation of new treatments for pain management and central nervous system (CNS) disorders. Based on a development strategy focused on enhancing and expanding the clinical utility of currently marketed compounds, the Company's product portfolio includes both late and early stage clinical drug candidates with the potential for reduced risk, abbreviated development paths, and improved patient outcomes. The Company intends to directly commercialise its products in the US and seek strategic partnerships for worldwide markets. QRxPharma's lead product candidate, MoxDuo® IR, is in Phase 3 clinical development and has successfully completed a pivotal Phase 3 Combination Rule study and Phase 2 multiple comparative studies evaluating its efficacy and safety against equianalgesic doses of morphine, oxycodone and Percocet® for the treatment of acute pain. These studies and an ongoing Phase 3 pivotal study comparing MoxDuo IR flexible dosing vs a fixed low dose regimen in patients following knee replacement surgery are expected to provide the additional data required for New Drug Application (NDA) filings with the US Food and Drug Administration (FDA). QRxPharma expects to complete its Phase 3 program Q3 CY2010 and file its NDA for MoxDuo IR in Q4 CY2010. The Company's preclinical and clinical pipeline includes other technologies in the fields of pain management, neurodegenerative disease and venomics. For more information, visit www.qrxpharma.com.