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## **INDIGO Offers Next Generation in PXR Assay Systems**

*Expansion of Assay Options for the Study of Metabolism and Drug-Drug Interactions*

**State College, PA (June 1, 2016)** – INDIGO Biosciences, a recognized industry-leading provider of nuclear receptor products and services, announced today that it has completed development of the next generation of Pregnane X Receptor (PXR) technology. Previously available in kits and services for only Human and Rat PXR, INDIGO has expanded its PXR products and services portfolio to include Dog, Monkey, and Mouse assays.

PXR regulates genes critically involved in drug metabolism and clearance. It plays an important role in how many drugs and chemicals we regularly encounter affect our bodies. This includes antibiotics, steroids, and even some herbal supplements. It has been estimated that unwanted activation of PXR is responsible for 60% of all drug-drug interactions. Drug development strategies typically include early counter-screening of drug candidates to identify, and eliminate, those with significant bioactivity to PXR.

The introduction of Dog, Monkey, and Mouse assay kits and services from INDIGO, in addition to Human and Rat assay kits and services already available, allows for even greater end-stage success predictability due to high levels of interspecies correlation.

PXR's importance spans across the pharmaceutical, nutraceutical, and agri-business industries. INDIGO's PXR assay kits include everything required to properly screen for PXR activation.

"We are excited to add additional PXR Kits and Services to our portfolio. It represents a significant expansion opportunity and enhances our industry-leading position," says Dr. Jack Vanden Heuvel, Chief Scientific Officer.

INDIGO's PXR assay kits are cell-based assay systems. The assay kits are all-inclusive systems, including optimized media for use during cell culture and in preparing test compound treatments, a PXR reference agonist, luciferase detection reagents, and an assay plate.

About INDIGO Biosciences, Inc.

INDIGO Biosciences was founded in 2005 in State College, Pennsylvania, and has established itself as an industry-leading provider of both products and services focused on nuclear receptors. INDIGO offers both screening services and assay kits for the pharmaceutical, biotechnology, agri-business, and nutraceutical industries, as well as government research agencies and academic researchers.

For more information on INDIGO's PXR assay kit, or any other product, please visit [indigobiosciences.com](http://indigobiosciences.com).