



WIL RESEARCH  
LABORATORIES, LLC

*Improving human health and protecting the  
environment through scientific research services*

# WIL Talk

Excerpt from Spring 2007

*A newsletter dedicated to keeping our colleagues informed of progress and changes  
at WIL Research, as well as scientific and regulatory matters of interest.*

## Whole Body Autoradiography Added to ADME Services

WIL Research Laboratories has invested significantly in the past several years in enhancing capabilities to support our clients' ADME research needs. A highly qualified scientific team, experienced in small and large molecules, including proteins, monoclonal antibodies, and oligonucleotides are key to our reputation for expertise in conducting in vivo ADME studies with a wide variety of species. WIL continues to be a forerunner in studies using radiotracers, having experience with more than 20 different isotopes.

Within this context, we are pleased to announce two additional significant investments which further enhance this already strong service. The first is the completion of expanded modern metabolism laboratories. These laboratories will support our existing in vivo ADME services as well as our expanding services in the areas of metabolite profiling, in vitro metabolism, biomarker development, endocrinology, and enzymology.

The second is the establishment of one of our most exciting service additions in recent years: whole body autoradiography (WBA). WIL has acquired expertise and talent developed in a large pharmaceutical environment to bring this service to our sponsors and to ensure that WIL's efforts in this area are at the forefront of available technology. At the heart of our WBA laboratory are a Vibratome 9800, the most advanced cryomacrotome on the market, and a Fujifilm BAS-5000 bioimager for use with phosphor-imaging plates. Raytest AIDA image analysis software is the brain used to provide the best possible quantitative analysis. WIL's WBA staff has been instrumental in the development of both the Vibratome 9800 and Raytest AIDA software, both of which were designed with GLPs in mind.

The addition of WBA to our service offerings complements our core ADME capability. WBA is also an exceptional tool for placental transfer studies, complementing WIL's expertise in Developmental and Reproductive Toxicology.

WIL takes pride in our ability to provide solutions that other laboratories cannot. Our scientists' unique blend of experience, coupled with quality service provides our sponsors with unique opportunities in this often challenging arena. The addition of WBA provides another important mechanism to helping reach these goals.