

RONKONKOMA, NY, August 23, 2014 /24-7PressRelease/ -- TruHumanization has generated much interest from a variety of companies and institutes. This comes just two weeks after the release of this innovative technology platform.

As the recent spike in translational research continues, there has been an increased need for animal models that better mimic phenotypes seen in humans. Traditional methods of creating humanized mouse models manipulate only the coding regions of the genes of interest, and therefore are limited in their true representation of human gene function. The Company's exclusive TruHumanization technology offers a solution to the challenges presented by standard methods to humanize the mouse. This technology utilizes large BACs, enabling inGenious to replace the entire mouse gene with the entire human gene sequence including promoter, intron, exon, and regulatory sequences. This leads to more faithful gene regulation and processing as well as the potential to perform functional and regulatory studies on multiple transcripts.

President Paul J. Sheffele believes this technology will provide scientists with more accurate models for studying human disease, setting inGenious Targeting Laboratory apart from other mouse model companies.

Established in 1998, inGenious Targeting Laboratory (iTL) exclusively creates mice whose genetic make-up is tailored to the client's research needs. Clients retain all intellectual property rights to their projects. A full range of project capabilities are available including: conventional and conditional knockouts, knockin models (humanized, inducible, reporter gene/cassette insertion, point mutations), as well as novel approaches for generating customized mouse models. Projects are initiated immediately upon completion of design parameters and progress to completion on-site in the USA, under the supervision of a dedicated scientific Project Manager. iTL is located in Ronkonkoma, New York.