



48 Hour Discovery Inc. (48HD) is a biotechnology company with a powerful new technology platform for peptide-based drug discovery. We named our company 48Hour Discovery because our technology can discover drug leads in days rather than months.

We accelerate drug discovery to find new and better drugs in massively high-throughput screens using powerful technology based on DNA-encoded molecular libraries and proprietary algorithms. Using our patented technology, which combines phage display and next generation sequencing, billions of unique peptides can be screened within weeks.

We currently provide peptide-based drug discovery services for global pharmaceutical companies and also utilize the platform for three internal discovery programs.

Our unique platform enables the rapid identification of both standard and macrocyclic peptides, which exhibit excellent potency, selectivity, and GI stability for oral delivery. In addition, our technology is well suited for cell based targets, an area of drug discovery that has traditionally been challenging for peptides and antibodies.

48Hour Discovery is based in Edmonton Alberta and has sites in Seoul Korea where it has a Joint Venture called Quantum Intelligence Discovery working in the area of Artificial Intelligence driven drug design and in San Diego for drug development using its peptide drug discovery platform.

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