



Identify high quality leads
for future drugs

Pivot Park Screening Centre



Are you looking for services for assay development, High Throughput Screening campaigns and for finding lead candidates? Do you want to optimize your early drug discovery with more efficient processes and quick and accurate results? The Pivot Park Screening Centre has advanced robotic systems and offers ultra High Throughput Screening (uHTS) and lab automation services to accelerate your drug discovery. We make automation accessible for life sciences research by performing both high throughput screens on large libraries (over 500,000 samples) and profiling experiments on smaller sets of compounds. Our team has more than two decades of history and proven experience as MSD's former screening centre.

Your partner in assay development

An enthusiastic team of experienced scientists is ready to provide you with cellular or biochemical assay development and optimisation services to generate HTS-ready assay formats. We can help you miniaturize your assays to 96-, 384- or 1536-well formats for Low, Medium or High Throughput Screening including hit validation, hit-to-lead and lead optimisation.

We have a broad experience in different target classes ranging from kinases, GPCRs, ion channels to nuclear receptors, proteases and protein-protein interactions as well as high content analysis. Extensive HTS triaging experience in therapeutic areas like oncology, CNS and immunology is available.

Your drug discovery project is facilitated with a wide range of assays based on technologies such as:

- Fluorescent Intensity
- Absorption based measurement
- Fluorescent Polarization
- Time resolved Fluorescence (FRET, TR FRET, HTRF)
- AlphaScreen®
- Luciferase
- Beta-lactamase
- BRET
- Aequorine
- Calcium kinetics
- Calcium permeability
- Potassium kinetics
- High Content Screening

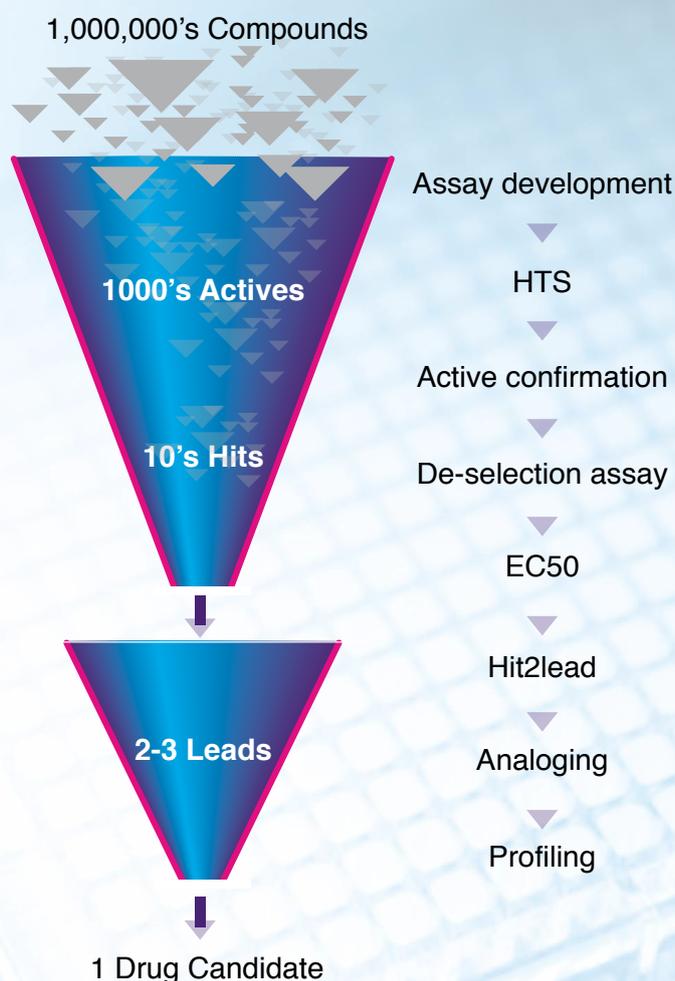
We are constantly working on innovations, such as assay development for using *C. elegans*, cardiomyocytes and zebrafish. In our own cell culture facility we prepare all necessary cell lines.

Ultra High Throughput Screening (uHTS) for high quality results

Our uHTS lab hosts a state-of-the-art, fully automated robotic system in an industrial set-up to assist in your drug discovery process.

This system can run the major HTS assay technologies (absorbance, luminescence, fluorescence based) in 384- or 1536-well formats and can produce over 300,000 data points per day. Acoustic dispensing technology allows for contact-free, low-volume handling of compound solutions and facilitates on-line cherry picking of active compounds.

Our complete infrastructure, including data analysis software, guarantees full exploitation of high quality results.



Use of our compound library

Pivot Park Screening Centre has a high quality compound library available for your drug discovery screens performed at PPSC. This library consists of approximately 225,000 drug-like compounds. Subsets of known drugs and reference compounds for a broad range of biological targets are also available for validation studies.



Screening compound libraries

Pivot Park Screening Centre has ample experience in screening libraries provided by customers.

You can further increase the success rate of your discovery project by participating in shared screening collections with partner companies. Pivot Park Screening Centre is a frontrunner in screening shared libraries through its experience in the European Lead Factory and offers a new solution to screen compound libraries that are shared with one or more of your partners. This will give you cost effective access to a bigger chemical space. We are an independent and confidential facilitator for the screening and data processing of shared compound collections.



**European
Lead Factory**

Pivot Park Screening Centre: Partner of the European Lead Factory

The European Lead Factory is a unique public-private partnership that promotes new discoveries via open innovation and crowd sourcing. It was established to promote the discovery of novel small molecule candidates, suitable for subsequent optimisation either to drug candidates or to high-quality pharmacological tools for the experimental validation of targets.

Screening of compounds to assess their activity is funded and performed by the European Lead Factory at the Pivot Park Screening Centre's facilities in Oss, placing our facilities at the heart of the European Lead Factory.



Our open access laboratory

Our open access laboratory is designed to provide you with an easy-to-use automation infrastructure for all in-vitro testing experiments in microtiter plates (assay development, screening, follow-up, hit optimisation, high content analysis and lead optimisation). With a broad selection of instruments, this lab is an ideal environment for technology development.

The open access lab saves you time and investment in equipment and specialised staff. This enables you to scale up your experiments quickly and in a flexible manner. You can perform your experiments efficiently using your own biology and our automation and expertise.

About Pivot Park Screening Centre

Pivot Park Screening Centre provides drug discovery services in the field of assay development, lab automation and (ultra) High Throughput Screening ((u)HTS) to find new leads for drug development. The screening facility includes state-of-the-art robotic systems and an extensive collection of 225,000 high quality drug-like compounds. The open access facilities provide instrumentation for hit-to-lead testing and technology development.

Established in 2012 as a spin-off from Organon/MSD, the Pivot Park Screening Centre (PPSC) uses a new, open innovation approach to build on the long-established history of screening in Oss, the Netherlands. PPSC is part of Pivot Park, an inspiring campus for open innovation in the life sciences with focus on pharmaceutical R&D.



Address

Pivot Park Screening Centre
Kloosterstraat 9
5349 AB Oss
The Netherlands

Contact

T +31 (0) 412 – 846050
E info@ppscreeningcentre.com
W www.ppscreeningscentre.com