

Biology Delivered

An integrated team of experienced biologists with a demonstrated track record of generating high-quality data and driving progress on complex biological research projects.

Overview

At o2h discovery, we provide fully integrated biology services from our state-of-the-art facilities in Cambridge, UK, and Ahmedabad, India, to accelerate drug discovery programs. Our team of experienced Ph.D. and Masters-level scientists delivers high-quality results across a broad range of therapeutic areas. Leveraging advanced technology platforms, we support every stage from target validation to pre-clinical candidate selection.

Our biologists design and execute customisable assays to assess potency, efficacy, and mechanism of action (MOA) profiling. We foster a collaborative, cross-continental working model, ensuring seamless technology transfer between our UK and India teams. By combining academic insight with industrial rigor, we deliver faster, smarter research solutions.



Biology Capabilities



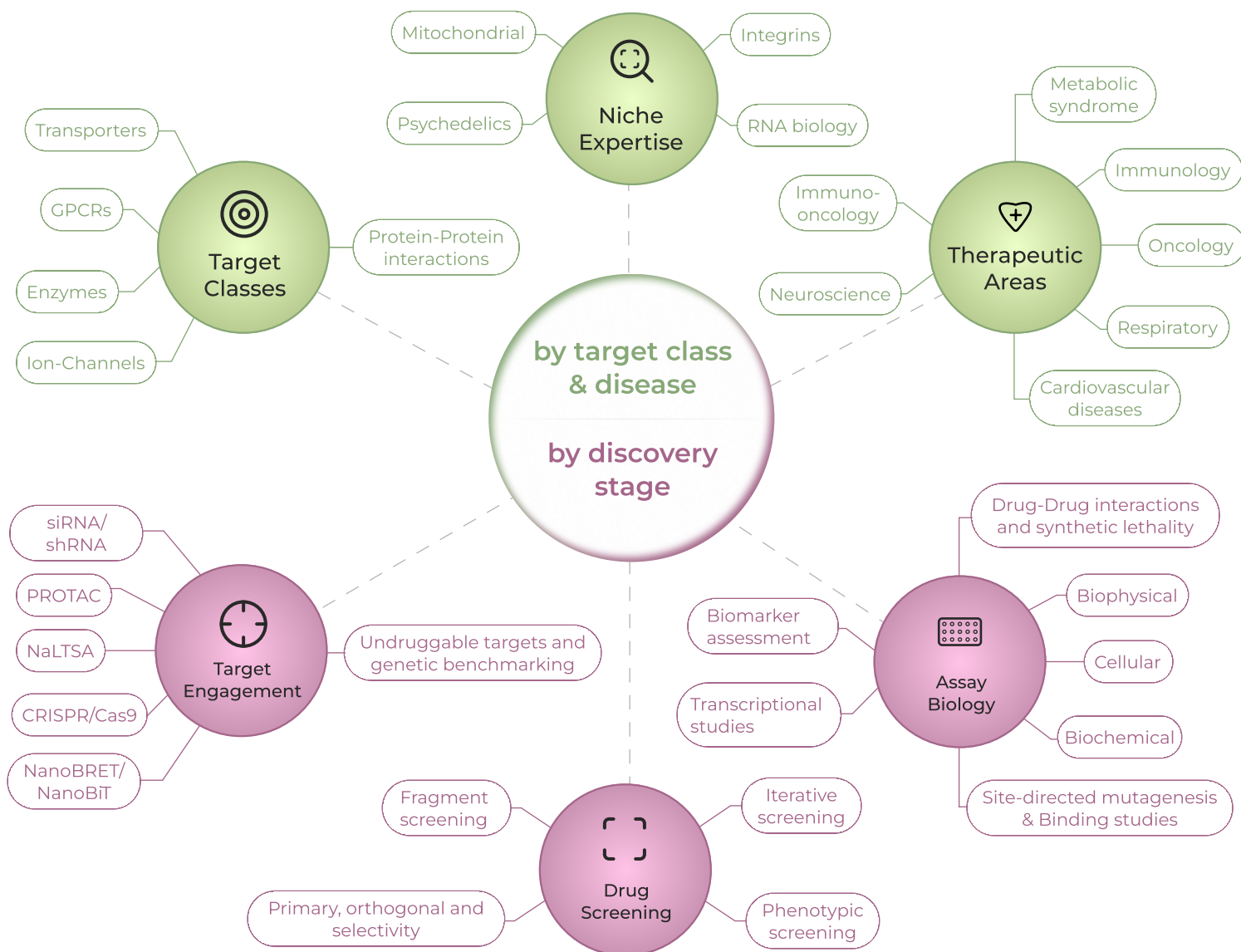
Compound/Fragment Screening



Biophysical/Biochemical and Cellular Assays



Target Validation, Mechanistic Studies

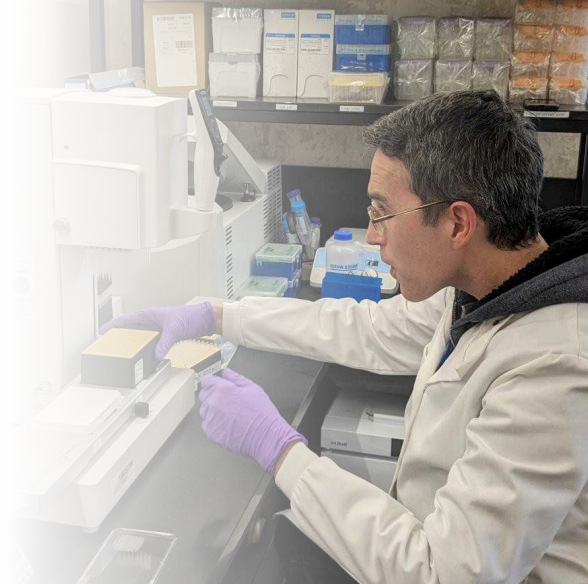


Future direction: DNA Encoded Libraries (DEL), Antibody Drug Conjugates (ADC), Membrane Proteins, Proteomics, other TACs and Molecular Glues

State-of-the-Art Equipment

Our cutting-edge facilities are equipped with advanced tools to ensure precision and efficiency in biology research:

- Biacore T200 SPR
- Incucyte
- Thermo CX7 LED
- Robotics
- Jess
- CytoFLEX S
- FLIPR Penta
- Bio-Rad CFX96
- Hamilton Star
- Opentrons OT2
- CLARIOstar Plus & PHERAstar



o2h Biology Match Funding Award

From Idea to Data to Milestone

o2h discovery has launched the o2h Biology Match Funding Award, a new initiative aimed at supporting biotech and pharma companies in translating early-stage ideas from the bench to data-driven discovery milestones.

- ☆ Match Funding of up to 50%
- 👤 Highly Experienced Biologists
- 🔬 Access to Latest Equipment Suite
- 📊 Comprehensive Project Management



scan to apply

What Our Client Say

"We had a great experience working with o2h discovery on our Fragment libraries project. Their expertise in conducting fragment-based screening, targeting dual series threonine kinase on surface plasmon resonance, was impressive. The efficiency, productivity, and detailed communication from the o2h biologist team were outstanding. We look forward to further positive outcomes in our future collaborations."

Eran Segar
CEO & Co-founder



Discover novel assays and blogs on following topics:

- High-Content Imaging: A Transformative Approach to Drug Discovery
- Exploring SPR and Fluorescent Dye Displacement Assays for RNA Binding Small Molecule Therapeutics
- PROTAC: o2h discovery's Biology Expertise
- Exploring Psychedelics: A New Frontier in Mental Health Research
- Integrin Assays: Decoding Cellular Interactions
- Revolutionising Drug Discovery: Harnessing the Power of FRET and BRET Assays
- Unlock Advanced Flow Cytometry: Boost Research with the CytoFLEX S System



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