



The Drug Discovery Unit (DDU) is a unique scientific operation in the British university system.

## Drug Discovery Unit



The unit represents an integrated professional, industry standard, drug discovery facility to translate basic biomedical research into potential new therapies through the discovery and patenting of novel pre-clinical leads and candidate small molecules.

### Current projects

The Unit has multiple programmes underway at present:

- Drug Discovery for Tropical Diseases initiative (DDTDi)
- Innovative Targets & Pathways Programme
- Stem Cell Technologies Programme

### Funding

The Unit is underpinned by funding from a variety of agencies and Research Councils. The total investment to date is £18m.

### Opportunities

The unit can complement the BioPharmaceutical sector by addressing areas of continued unmet need and novel methods of drug discovery including: neglected diseases; novel targets and pathways and novel platforms for drug discovery.

DDU welcomes collaborations with academia and industry.

### Expertise:

Drug Discovery Unit capabilities include:

- High-Throughput Compound Screening (HTCS) and molecular pharmacology
- Computational Drug Design
- Medicinal Chemistry
- Drug Metabolism and Pharmacokinetics
- Models of disease

Current areas of interest include:

- Neglected Tropical Diseases
- Fungal Diseases
- Stem Cell Technology
- Atopic Dermatitis
- Oncology

### Further information

To find out what the Drug Discovery Unit can do for you contact:

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### Research & Innovation Services

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