

Custom Biology Services

Leverage our expertise to help accelerate your research



Explore our comprehensive portfolio of scientific services and high-quality products to enable your next discovery.



Expertise to support your research goals



Trusted products for quality and innovative solutions



Collaborative approach to help drive discovery



Support at every stage of your discovery

Stem cell

We offer fully customizable services at every stage of the stem cell workflow as an extension of your lab.



iPSC reprogramming

Reprogram your human fibroblasts or blood cells to PSCs with Invitrogen™ CytoTune™ or Invitrogen™ Epi5™ episomal kits



iPSC characterization

Confirm the karyotype, pluripotency, identity, and sterility of your stem cells



iPSC genome editing

Introduce specific mutations into the genome of your stem cells with CRISPR-Cas9 or TALEN editing services



iPSC differentiation

Differentiate your PSCs to your desired terminal cell type

Cell engineering

Leverage our innovative cell engineering and genome editing technologies to support your needs for all cell types.



Genome editing

We can create knockouts, SNPs, or large knock-ins for a wide range of cell types, using CRISPR-Cas9 editing or TALENs



Cell line generation

Generate cell lines quickly and efficiently using Invitrogen™ BacMam and Invitrogen™ Jump-In™ technologies



Lentivirus

Generate lentivirus and custom viral expression constructs

Screening

With over 15 years of experience in high-throughput screening, we can support your needs from basic research to drug discovery and development.



Assay development

Our Custom Biology Services team can build custom biochemical or cellular assays for you using the broad array of technologies in our toolbox



Cell banking

We can do the cell banking work for you to accelerate your cellular screening projects



Functional genomics

Leverage our CRISPR and siRNA library screening services to help identify your drug target



Library screening

We can screen your custom compound libraries in any of our assay formats



Kinase profiling

Let us do the kinase profiling for you with our Invitrogen™ SelectScreen™ kinase profiling service

Contact us today

Find out more at thermofisher.com/services

ThermoFisher
SCIENTIFIC