Program Overview

The purpose of the NIMH Stem Cell Center is to provide a resource for postnatal-to-adult human control and patient-derived cells and their reprogrammed derivatives, including induced pluripotent stem cells (iPSCs). This Center supports investigators engaged in stem cell-based research relevant to mental disorders, including but not limited to anxiety disorders, attention deficit hyperactivity disorder, autism spectrum disorders, bipolar disorder, borderline personality disorder, depression, eating disorders, obsessive-compulsive disorder, panic disorder, post-traumatic stress disorder, and schizophrenia. The capabilities of the Stem Cell Center include derivation, validation, banking and distribution of a wide variety of cells such as primary source cells from human tissue, iPSCs or similar reprogrammed cells.

Repository

Sampled (sampled.com), under the auspices of its grant to establish the NIMH Repository and Genetics Resources is home to the NIMH Fibroblast and iPSC collections. Visit the NRGR catalog at nimhgenetics.org and/or contact sampled.com/contact for more information.

Collection

The NIMH stem cell collection currently contains 681 cell lines, 295 of which are iPSC and 586 of which are fibroblasts. The distribution of these cell lines by mental health disorders is shown below.