Stanford

Sundari Chetty

Assistant Professor of Psychiatry and Behavioral Sciences

Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Assistant Professor, Psychiatry and Behavioral Sciences
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

HONORS AND AWARDS

- NIH Autism Centers of Excellence grant, NICHD (2017-2022)
- Siebel Fellowship, Institute for Stem Cell Biology and Regenerative Medicine, Stanford University (2016)
- California Institute for Regenerative Medicine Pre-Doctoral Fellowship, University of California, Berkeley (2008)
- Helen Wills Neuroscience Institute Fellowship, University of California, Berkeley (2005)

PROFESSIONAL EDUCATION

- Post-doctoral fellow, Harvard University , Stem Cell and Regenerative Biology (2015)
- Ph.D., University of California, Berkeley , Neuroscience (2009)
- B.A., University of California, Berkeley , Molecular and Cell Biology (2005)

LINKS

- Chetty Lab Website: http://med.stanford.edu/chetty.html

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Joana Ribeiro

Publications

PUBLICATIONS

- **Generation of Human Neurons and Oligodendrocytes from Pluripotent Stem Cells for Modeling Neuron-Oligodendrocyte Interactions.** *Journal of visualized experiments : JoVE*

  Assetta, B., Tang, C., Bian, J., O'Rourke, R., Connolly, K., Brickler, T., Chetty, S., Huang, Y. A.

  2020

- **Variations and expression features of CYP2D6 contribute to schizophrenia risk.** *Molecular psychiatry*
  Ma, L., Shcherbina, A., Chetty, S.
  2020

- **Cell cycle dynamics of human pluripotent stem cells primed for differentiation.** *Stem cells (Dayton, Ohio)*
  Shcherbina, A., Li, J., Narayanan, C., Greenleaf, W., Kundaje, A., Chetty, S.
  2019

- **Overexpression of CD47 is associated with brain overgrowth in 16p11.2 deletion syndrome** *bioRxiv*
  Li, J., Brickler, T., Banuelos, A., Marjon, K., Bian, J., Narayanan, C., Weissman, I. L., Chetty, S.
  2019

- **Transient treatment of human pluripotent stem cells with DMSO to promote differentiation** *JoVE*
  Sambo, D., Li, J., Brickler, T., Chetty, S.
  2019

- **A transient DMSO treatment increases the differentiation potential of human pluripotent stem cells through the Rb family.** *PloS one*
  Li, J., Narayanan, C., Bian, J., Sambo, D., Brickler, T., Zhang, W., Chetty, S.
  2018; 13 (12): e0208110

- **A qPCRCR ScoreCard quantifies the differentiation potential of human pluripotent stem cells** *NATURE BIOTECHNOLOGY*
  Tsankov, A. M., Akopian, V., Pop, R., Chetty, S., Gifford, C. A., Daheron, L., Tsankova, N. M., Meissner, A.
  2015; 33 (11): 1182-U117

- **A Src inhibitor regulates the cell cycle of human pluripotent stem cells and improves directed differentiation** *JOURNAL OF CELL BIOLOGY*
  Chetty, S., Engquist, E. N., Mehanna, E., Lui, K. O., Tsankov, A. M., Melton, D. A.
  2015; 210 (7): 1257-1268

- **Stress and glucocorticoids promote oligodendrogenesis in the adult hippocampus** *MOLECULAR PSYCHIATRY*
  Chetty, S., Friedman, A. R., Taravosh-Lahn, K., Kirby, E. D., Mirescu, C., Guo, F., Krupik, D., Nicholas, A., Geraghty, C., Krishnamurthy, A., Tsai, M., Covarrubias, D., Wong, et al
  2014; 19 (12): 1275-1283

- **A simple tool to improve pluripotent stem cell differentiation** *NATURE METHODS*
  Chetty, S., Pagliuca, F. W., Honore, C., Kweudjeu, A., Rezania, A., Melton, D. A.
  2013; 10 (6): 553-?

- **Altered prefrontal function with aging: Insights into age-associated performance decline** *BRAIN RESEARCH*
  Solbakk, A., Alpert, G. F., Furst, A. J., Hale, L. A., Oga, T., Chetty, S., Pickard, N., Knight, R. T.
  2008; 1232: 30-47

- **C-11-PIB PET imaging in Alzheimer disease and frontotemporal lobar degeneration** *NEUROLOGY*
  Rabinovici, G. D., Furst, A. J., O'Neil, J. P., Racine, C. A., Mormino, E. C., Baker, S. L., Chetty, S., Patel, P., Pagliaro, T. A., Klunk, W. E., Mathis, C. A., Rosen, H. J., Miller, et al
  2007; 68 (15): 1205-1212