Gerstner Sloan Kettering
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**Dissertation**

Modeling Neural Crest Induction, Melanocyte Specification and Disease-Related Pigmentation Defects in hESCs and Patient-Specific iPSCs (2013)

**Mentor**

Lorenz Studer, MD

**End Year**

2013

**Education**

Wellesley College

**Publications**

Fattahi F, Steinbeck JA, Kriks S, Tchieu J, Zimmer B, Kishinevsky S, Zeltner N, Mica Y, El-Nachef W, Zhao H, de Stanchina E, Gershon MD, Grikscheit TC, Chen S, Studer L. (2016) Deriving human ENS lineages for cell therapy and drug discovery in Hirschsprung disease. *Nature*. 531, 105-9. PMCID: PMC4846424

Callahan SJ, Mica Y, Studer L. (2016) Feeder-free Derivation of Melanocytes from Human Pluripotent Stem Cells. *J Vis Exp.*, 109.

Chambers S, Mica Y, Lee G, Studer L, Tomishima M. (2013) Dual-SMAD Inhibition/WNT Activation-Based Methods to Induce Neural Crest and Derivatives from Human Pluripotent Stem Cells. *Methods Mol Biol*.

Mica Y, Lee G, Chambers S, Tomishima M, Studer L. (2013) Modeling Neural Crest Induction, Melanocyte Specification, and Disease-Related Pigmentation Defects in hESCs and Patient-Specific iPSCs. *Cell Rep*, 3, 1140-1152.

Chambers S, Qi Y, Mica Y, Lee G, Zhang X, Niu L, Bilsland J, Cao L, Stevens E, Whiting P, Shi S, Studer L. (2012) Combined small-molecule inhibition accelerates developmental timing and converts human pluripotent stem cells into nociceptors. *Nat Biotechnol*, 30, 715-720.

Chambers S, Mica Y, Studer L, Tomishima M. (2011) Converting human pluripotent stem cells to neural tissue and neurons to model neurodegeneration. *Methods Mol Biol*, 793, 87-97.

Papapetrou E, Tomishima M, Chambers S, Mica Y, Reed E, Menon J, Tabar V, Mo Q, Studer L, Sadelain M. (2009) Stoichiometric and temporal requirements of Oct4, Sox2, Klf4, and c-Myc expression for efficient human iPSC induction and differentiation. *Proc Natl Acad Sci U S A*, 106, 12759-12764.

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