

05 3040

Michael Matisse

"Cell-Cycle Regulators Controlling Proliferation and Differentiation of Spinal Neurons" – Completed

"Molecular Control of Spinal Cord Neuronal Progenitor Differentiation" – Open

Publications: Gui H, Li S, Matisse MP (2007). A Cell-Autonomous Requirement for Cip/Kip Cyclin-Kinase Inhibitors in Regulating Neuronal Cell Cycle Exit but not Differentiation in the Developing Spinal Cord. Dev Bio. 301 (1):14-26.

I have been reappointed to Assistant Professor for an additional 3-year term during the course of our recent grant.

Graduate student, Simon Gui was awarded a "Best Poster" prize at the 2003 Society for Developmental Biology regional meeting in Philadelphia for a poster based on his NJCSCR-funded research.

Some of the data generated during the course of our grants is being incorporated into an R01 application to the NIH in 2007.

The data and publication from our NJCSCR-funded research have formed the basis for further studies investigating the molecular mechanisms regulating the formation of neural cells from uncommitted progenitor "stem" cells during spinal cord development. We are continuing this work at present and anticipate that the data generated as a direct result of NJCSCR funding support will continue to add significantly to our current and future understanding of this process.