
Research Focus Areas:

Lesch-Nyhan Syndrome (LNS): Lesch-Nyhan Syndrome is a recessive, x-linked genetic disorder that impacts the HPRT1 gene. It is characterized by impaired kidney function, acute gouty arthritis, self-injurious behavior (such as lip/finger biting and head banging, among others), and severe motor impairments. There are treatments that decrease uric acid buildup which reduces renal and skeletal symptoms (including kidney stones and gout) but have no effect on the neurological aspects of LNS.

One \$68,367 grant available for research that will facilitate the development of an effective treatment for Lesch-Nyhan Syndrome. This would include, but is not limited to, biomarkers, model development, characterization of the natural history or therapeutic approaches.