I joined Professor Morton’s lab after completing an MRes in Neuroscience, where I was researching the role tissue transglutaminase in a cellular model of Parkinsons disease using molecular and biochemical techniques. Together with a postdoc in the lab I currently work on circadian rhythm disruption using behavioural techniques to investigate mouse models of Huntingdon’s Disease. We are interested in finding interventions which restore a more conventional circadian rhythmicity that can be applied to HD patients, improving both the patients and carers quality of life. We have shown that voluntary wheel running at a set daily time can maintain a healthy circadian rhythm in mouse models of HD at a stage of the disease where we would expect a disrupted circadian rhythm. In addition we are investigating the causes of the circadian rhythm disruption in Huntingdon’s Disease which could lead to a prevention in the early stages of the disease.