Amadeu Quelhas Martins. I am a Psychologist with a background in Psychophysiology. I joined Professor Morton's lab to work on the assessment of phenotypic EEG markers of neurodegeneration (ranging from sleep architecture disturbances to seizure expression) in a sheep model of disease. I am particularly interested in applying human research paradigms (e.g., ERP) to the study of cognitive impairments resulting from neurodegenerative diseases in sheep.

Sheep instrumented for ERP testing. During this session, flash visual evoked potentials were collected for both binocular and monocular conditions. The blindfold allows us to collect data from a single eye.

Keywords:
Huntington's disease
EEG
Event Related Potentials
Cognition

Techniques:
Electroencephalography (EEG)
Event Related Potentials (ERP)