The PBF Bachelor Honours Scholarships (2)
School of Biomedical and Health Sciences
$5,000 project costs per annum

The School of Biomedical and Health Sciences in the College of Health and Science is seeking two enthusiastic students to undertake the following Bachelor Honours projects:

**Project 1:**
*Do mutations in serine palmitoyltransferase long chain sub unit 1 affect the neuronal cell cytoskeleton.*
The aim of the study is to determine if mutations in SPTLC1 cause alterations to the actin cytoskeleton, to identify if the intracellular localisation of mutant SPTLC1 is the same as wild type and to determine if microtubule dynamics are altered by mutations in SPTLC1.

**Project 2:**
*Determining cytoskeletal changes to cellular architecture due to PH domain dynamin 2 mutations*
The aim of this study is to identify whether pleckstrin homology domain mutants of dynamin 2 effect the cell cytoskeleton; to determine whether these changes are cell type specific and to ascertain whether the changes observed in the PH domain mutants occur in other domains of dynamin 2.

**Criteria:**
The allocation of awards will be based primarily on academic merit.

**Scholarship details:**
The scholarship will provide project costs of up to $5,000 for each project.

**Commencement:**
The projects will commence at the start of the Autumn 2009 academic session.

**How to apply:**
Applicants should submit the application form by the closing date. Please note that you must apply for admission to the Bachelor Honours program separately.

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Applications Close 31 October 2008