Multiple PhD positions are available at the groups of Dr. Sridevi Sureshkumar (www.gatclab.org) and A/Prof Sureshkumar Balasubramanian (www.skblab.org) at the School of Biological Sciences, Monash University, Melbourne, Australia. Prospective PhD students will work on Australian Research Council (ARC) funded projects on diverse topics in various model systems.

GATCLab headed by Dr. Sridevi Sureshkumar uses *Arabidopsis thaliana* as the main system of study and works on epigenetic gene silencing caused by expanded DNA repeats (Sureshkumar et al, Science, 2009; Eimer*, Sureshkumar* et al, Cell, 2018). Prospective PhD students would work on characterising various mutants that are defective in epigenetic silencing caused by expanded repeats or protein modifications that appear to be essential for epigenetic silencing caused by expanded repeats.

SKB Lab- where science is fun! headed by A/Prof Sureshkumar Balasubramanian uses plants, flies as well as human cell lines to study molecular mechanisms of thermal perception and response (Tasset et al, PLoS Genetics, 2018), alternative splicing (Sureshkumar et al, Nature Plants, 2016) or epigenetic silencing in Friedreich’s ataxia, a neurogenetic disorder. The prospective PhD students would have the opportunity to work on projects that involve both wet lab and computational components to varying degrees.

We are looking for candidates who are highly motivated, resilient, enthusiastic individuals with demonstrable high quality educational track record, strong theoretical and/or practical background molecular biology and/or computational analysis. Funding is available through competitive schemes, which are also open to International candidates. Exceptional candidates may be considered for additional top-up scholarships. Monash University is in Melbourne, which is consistently rated as one of the best cities to live in the world and the School of Biological Sciences is a fun place to work. Interested candidates submit

A) Motivation letter,
B) CV
C) A potential idea that you would like to explore.

For any queries, please contact Dr. Sridevi Sureshkumar (sridevi.sureshkumar@monash.edu) or A/Prof Sureshkumar Balasubramanian (mb.suresh@monash.edu).