

# **Manipal Academy of Higher Education, Manipal**

## **PhD Research Areas available for candidates already having a fellowship**

### **School of Regenerative Medicine, Bangalore**

- Amyotrophic Lateral Sclerosis
- Cancer stem cells and Wnt
- Cardiac regeneration
- Disease modeling and target discovery
- Disease modeling using iPSC system
- Drug screening and toxicological studies
- Epigenetics
- Exosome therapy
- Hippocampal regeneration
- Neural Stem Cells
- Neural Transplantation
- Neuroregeneration
- Pluripotent stem cell differentiation
- Regenerative medicine
- Secretome therapy
- Spinal Cord Injury
- Studying the cross-talk between inflammation and regeneration during tissue homeostasis
- Understanding Neuroendocrine development using embryonic stem cell model system
- Use of 3D scaffolds in cardiac regeneration
- Wnt signaling in neurodegeneration