



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Institution of Eminence Deemed to be University)

## RESEARCH POSITIONS

Manipal Academy of Higher Education (MAHE), Manipal invites applications for the post of **Junior Research Fellows** to work under the Department of Biotechnology (DBT), Government of India funded project at Manipal School of Life Sciences, MAHE, Manipal.

**Research Title:** Epithelial Reprogramming of HOX Genes by Epigenetic Mechanisms and its implication to Oral Cancers.

**Funding Agency:** DBT Wellcome India Alliance

**Funding Period:** 2019-2024

**Summary of the proposed research:** Mouth Cancer arises due to tobacco habits resulting in altered genetic code. If not diagnosed early can lead to death. Currently, there are no reliable ways to assess the clinical outcomes or response to treatment. Cancer development shares many similarities with embryo development. A group of genes belonging to the HOX family are major regulators of embryonic development. Our previous work on these genes in mouth cancer have shown changes in its expression due to chemical modification. Additional studies on how these alterations may influence key events in mouth cancer may indicate their potential role for prediction and specific treatment.

**Eligibility:** Applicants with first class M.Sc. in any area of biological sciences with NET/BET qualification may only apply. Experience in any field of Molecular Biology, Bioinformatics, Cell biology, Genetics, Biochemistry is preferred. Fellowship/remuneration will be provided as per the current DBT norms.

Please send full CV, research interest and names of two references to the below mentioned address within fifteen days from the date of this notification.

Deputy Director - HR

**Manipal Academy of Higher Education**

Madhav Nagar, Manipal - 576 104

jobs@manipal.edu ; mlsc@manipal.edu