

Name: Anupama Kakkar

Designation: Ph.D. Scholar

Email ID: kakkar.anupama07@gmail.com

Research Area: Working on *in vitro* generation of cardiomyocyte like cells from mesenchymal stem cells derived from various sources. It includes MSCs derived from Bone Marrow, Adipose Tissue and Dental Pulp. I am comparing various induction protocols in order to find out best protocol to generate functional cardiomyocytes in terms of minimum treatment period and minimum dose of inducers.

These *in vitro* generated cardiomyocyte like cells can be then tested in animal models to check their potential in cardiovascular diseases (CVDs).