



MODULES UNDER ANIMAL TISSUE CULTURING PROJECT WORKS

Presently NTHRYS has 65 different Titles under this field. Example: Transformation of Bone Marrow stem cells and Cord Blood stem cells to cardiomyocytes for Artificial Heart Valve [AHV] tissue generation.

Various Protocols followed under this Field:

1. Collection and Preservation of Human Cord Blood
2. Separation of Fetal Human Serum [FHS] from Cord Blood
3. Preparation of Synthetic Animal Tissue culture Media
4. Separation of Cord Blood Stem cells from Human Cord blood
5. Cultivation & preservation of Cord blood stem cells
6. Collection of Cardiomyocytes source and isolation of Cardiomyocytes
7. Preparation of conditional media from cardiomyocytes cultivation
8. Collection & Cultivation of Human Bone Marrow stem cells.
9. Utilization of Cardiomyocyte Conditional media to transform Bone Marrow stem cells to cardiomyocytes
10. Utilization of Cardiomyocyte conditional media to transform Cord blood stem cells to cardiomyocytes
11. Qualitative analysis for confirmation of Cord Blood Stem cells
12. Qualitative analysis for confirmation of Human Bone Marrow stem cells
13. Qualitative analysis for confirmation of Cardiomyocytes
14. Qualitative analysis for confirmation of Cardiomyocytes transformed from Cord blood stem cells
15. Qualitative analysis for confirmation of Cardiomyocytes transformed from Human Bone Marrow stem cells

To be contd.,

**General Module followed for all Projects under Biotechnology fields at
NTHRYSBIOTECH LABS**

Module 1

1. Title of the work
2. Aim & Objectives of the work
3. Abstract
4. Various Phases of the Project
5. Required Theoretical gathering
6. Time table of the project depending upon the duration of the work
7. Selection of Assignment from NTHRYS guides [Optional]

Module 2

1. Finalization of Practical Procedures & Protocols
2. Commencement of Practicals and gathering results
3. Finalization of Project Report Format issued by the respective University / College / Institution
4. Submission of Assignment [Optional]

Module 3

1. Analysis of obtained results in Objective orientation
2. Pooling Photographs, Graphs, Tables & Videos of all results
3. Thesis Preparation [Making Introduction & Review of Literature]
4. Thesis Preparation [Materials & Methods]
5. Thesis Preparation [Results]
6. Thesis Preparation [Discussion]
7. Thesis Preparation [Conclusion & Summary]
8. Thesis Preparation [References & Others]

Module 4

1. Thesis / Project Report Submission
2. Preparation of Project Presentation [Flash with embedded videos]
3. Final Seminar [Preparative]
4. Project Certification

***Please feel free to communicate with us for any further queries. P: +919849854748, +919246809748, info@nthrys.com, www.nthrys.com