

ICSCR Applications Processed

IC-SCR Meeting ID: IC-SCR 07/02-2019, Date 21.02.2019

Dr Swasti Raychaudhari

-Protein Homeostasis (Proteostasis) in Protein-Folding Disease Models– [IC-SCR- 14/15-24R1/2016-24R2/2019] -Approved

Dr Jyotsna Dhawan

-Metabolic Control of Epigenetic Programming in Muscle Stem Cells [IC-SCR-35/2019] -Approved

-Derivation of Human Induced Pluripotent Stem Cells (HiPSCs) from Human Somatic Cells [IC-SCR-36/2019] –Approved

-Biology of Quiescence in Musculo-Skeletal Stem Cells (Mouse)- [IC-SCR-17/15-23/R1/2016-23R2/2019]-Approved

Dr Shashi Singh

Derivation and differentiation of MSC and iPSC into IVD and cartilage cell using biomaterials.- [IC-SCR-37/2019]-Approved

Dr B Kiran Kumar

Biomaterial-Supported Cell Growth Strategy of Spinal Cord- [IC-SCR-42/2019]-Approved

Dr CB Tripura

Derivation and differentiation of iPSC/MSC to hepatic organoids- [IC-SCR-43/2019]- Approved

Dr P Chandra Shekar

-Reprogramming to Extended Pluripotent Stem cell (EPSC) State for Evaluation to Contribute to Interspecies Chimeric Embryos [IC-SCR 38/2019] –Conditional Approval

-Regulation of Pluripotent States in Embryonic Stem Cells and Mouse Development by a Calcoco2 [IC-SCR 39/2019] –Conditional Approval

-Studying Regulation of Core Pluripotency Factors in Murine ES Cells [IC-SCR- 20/2016-20R1/2017-20R2/2019]-Approved

-Evaluation of Cell Fate Choice of ES Cell Subpopulation Primed for Differentiation Towards Trophoblast by Small Molecules [IC-SCR-31/2017-31R1/2019]-Approved

Dr V Radha

-Modulation of C3G Levels in iPSC's to Induce Lineage Specific Differentiation, and Generation of Developmental Disease Associated Mutations [IC-SCR-40/2019] - Approved

Dr K Thangaraj

-Creation of animal model and patients-specific iPSCs to understand the role of novel genes in male infertility [IC-SCR-41/2019]–Conditional Approval

IC-SCR Meeting ID: IC-SCR 08/10-2019, Date: 16.10.2019

Dr Pavithra L Chavali

-Role of Microcephaly Proteins in Neurodevelopment and Cancer [IC-SCR-44/2019]-Approved

Dr Sonal Nagarkar Jaiswal

-Deciphering the role of COP9 Signalosome (CSN Complex) in neural development [IC-SCR-45/2019]-Approved

IC-SCR Meeting ID: IC-SCR 09/05-2021, Date: 17.05.2021

1. Dr Sonal Nagarkar Jaiswal

-Deciphering the role of COP9 Signalosome (CSN Complex) in neural development [IC-SCR-45/2019-45R1/2021]-Approved

-Deciphering the of roles of microcephaly related gene, IER3IP1, in neural development [ICSCR-46/2021]-Approved

2. Dr Pavithra Chavali

-Role of Microcephaly Proteins in Neurodevelopment and Cancer [IC-SCR-44/2019-44R1/2021]- Approved

3. Dr Jyotsna Dhawan

-Metabolic Control of Epigenetic Programming in Muscle Stem Cells [IC-SCR-35/2019-35R1/2021] – Approved

-Biology of Quiescence in Musculo-Skeletal Stem Cells (Mouse)– [IC-SCR-17/15-23R1/2016-23R2/2019-23R3/2021]- Approved

4. Dr P Chandra Shekar

-Generation of hiPSCs with extended potential from healthy donors for research purpose [ICSCR-47/2021]- Conditional Approval

-Generation of iPSCs wild life species using cell lines established in wild life cryobank. [ICSCR-48/2021]- Conditional Approval^[1]_[SEP]

-Regulation of pluripotent states in embryonic stem cells and mouse development by a NDP52 (Calcoco2) ^[1]_{SEP} [IC-SCR 39/2019] –Conditional Approval

-Evaluation of Cell Fate Choice of ES Cell Subpopulation Primed for Differentiation Towards Trophoblast by Small Molecules [IC-SCR-31/2017-31R1/2019] – Conditional Approval

-Studying Regulation of Core Pluripotency Factors in Murine ES Cells [IC-SCR- 20/2016-20R1/2017-20R2/2019] –Conditional Approval

IC-SCR Projects Renewal Approvals- Date: 01.03.2022

1. Dr Sonal Nagarkar Jaiswal

-Deciphering the role of COP9 Signalosome (CSN Complex) in neural development [IC-SCR-45/2019-45R1/2021-45R2/2022]-Approved

-Deciphering the roles of microcephaly related gene, IER3IP1, in neural development [ICSCR-46/2021-46R1/2022]-Approved

2. Dr Pavithra Chavali

-Role of Microcephaly Proteins in Neurodevelopment and Cancer [IC-SCR-44/2019-44R1/2021-44R2/2022]- Approved

IC-SCR Meeting ID: IC-SCR 10/08-2022, Date: 24.08.2022

1. Dr Vijayalakshmi Venkatesan [AIC-CCMB]

-Beneficial effects of Bone Marrow and Placental derived Mesenchymal Stem cells in combination with platelet rich plasma [PRP] to address Musculo Skeletal Disorders [MSDs]- Proof of concept study using preclinical model system [ICSCR-49/2022]-Approved

2. Dr Chandra Shekar

-Evolving CRISPER tools for multiplexing point mutations and micro deletion/insertion in human induced pluripotent stem cells [ICSCR-50/2022]- Approved

3. Dr Pavithra Chavali

-Role of Musashi RBPs in stem cell regeneration upon SARS CoV2 infection [ICSCR-51/2022]-Conditional Approval

-Role of Microcephaly Proteins in Neurodevelopment and Cancer [IC-SCR-44/2019-R1/2021-R2/2022]- Approved

IC-SCR Meeting ID: IC-SCR 11/04-2023, Date: 26.04.2023

1. Dr Swasti Raychaudhuri

-Investigation of Amyloid inclusions in neurons differentiated from patient

derived iPSCs [ICSCR-52/2023]-Approved

2. Dr Jyotsna Dhawan

-Biology of quiescence in mouse muscle stem cells [IC-SCR-17/15-23R1/2016-23R2/2019-23R3/2021-23R4/2023]-Approved

3. Dr Sonal Nagarkar Jaiswal

-Deciphering roles of microcephaly related genes SNRPN, FAM160B1 and YIPf5 in neural development [ICSCR-53/2023]-Approved

Deciphering the role of COP9 Signalosome (CSN complex) in neural development- [IC-SCR-17/15-23R1/2016-23R2/2019-23R3/2021-23R4/2023]-4th [IC-SCR-45/2019-45R1/2021-45R2/2022-45R3/2023]- Approved

-Deciphering the roles of microcephaly related gene, IER31p1 in neuronal development [IC-SCR-46/2021-46R1/2022-R3/2023]- Approved

IC-SCR Meeting ID: IC-SCR 12/11-2023, Date: 06.11.2023

1. Dr Ira Bhatnagar

-Oral care by 3D printed biomaterial mesh for dentoalveolar bone bed regeneration towards osseointegration of dental implant [ICSCR-54/2023]-Approved

2. Dr Pavithra Chavali

-Delineating the roles of Zinc finger transcription factors in neurodevelopmental hotspot 19q13.2-13.3 in neurodevelopment and gliomagenesis [ICSCR-55/2023]-Approved

-Role of Microcephaly Proteins in Neurodevelopment and Cancer [IC-SCR-44/2019-R1/2021-R2/2022-R3/2023] – Approved

-Role of Musashi RBPs in stem cell regeneration upon SARS CoV2 infection [ICSCR-51/2022-R1/2023]-Approved

IC-SCR Meeting ID: IC-SCR 13/06-2024, Date: 19.06.2024

1. Dr Ishwariya Venkatesh

-Stem cell grafts to improve targeting of regenerated axons in mouse models of spinal injuries [ICSCR-56/2024]-Approved

2. Dr Swasti Raychaudhuri

-Investigation of Amyloid inclusions in neurons differentiated from patient derived iPSCs [ICSCR-52/2023-52R1/2024]-Approved

3. Dr Sonal Nagarkar Jaiswal

-Deciphering roles of microcephaly related genes SNRPN, FAM160B1 and YIPf5 in neural development [ICSCR-53/2023-53R1-2024]-Approved

-Deciphering the role of COP9 Signalosome (CSN complex) in neural development [IC-SCR-45/2019-45R1/2021-45R2/2022-45R3/2023-45R4/2024]- Approved

-Deciphering the roles of microcephaly related gene, IER31p1 in neuronal development [IC-SCR-46/2021-46R1/2022-R2/2023-46R3/2024]- Approved

4. Dr Vijayalakshmi Venkatesan from CCMB-AIC

-Beneficial effects of bone marrow and placental derived mesenchymal stem cells in combination with platelet rich plasma to address musculoskeletal diseases [IC-SCR-49/2022-49R1/2024] – Approved
