

# CHANDRA SHEKAR MALLARPU

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Highly ambitious, self-motivated biological sciences post-graduate with optimistic viewpoint, having ability to fit in any kind of work environment. Looking forward to associate and work in a creative and encouraging environment with a reputed organization in the field of biology to develop competence to carry out original academic research; enhance analytical thinking, critical analysis and innovative problem solving skills.

## EXPERIENCE

**MARCH 2017 – PRESENT**

**RESEARCH ASSOCIATE, GLENEAGLES GLOBAL HOSPITAL**

Research Scholar in Transplant biology, Immunology and Stem cell Unit

**DECEMBER 2014 – MARCH 2017**

**RESEARCH ASSISTANT, GLOBAL HOSPITAL**

Research Assistant in Transplant Biology and Immunology Department

## EDUCATION

**JUNE 2014**

**M.Sc, OSMANIA UNIVERSITY**

Master of Science in Biochemistry

**APRIL 2012**

**B.Sc, OSMANIA UNIVERSITY**

Bachelors of Science in Biotechnology, Biochemistry and Chemistry

## EXPERTISE

- Proficient in Biochemical Techniques - SDS-PAGE; ELISA; Western Blotting; Flow Cytometry; Confocal Laser Scanning Microscopy; Immunofluorescence, Agarose Gel Electrophoresis; Immuno-electrophoresis; Gel documentation and blood typing.
- Cell culturing Stem cell isolation & culture techniques of Bone marrow and Adipose tissue
- Proficient in General Microbiology and Molecular Techniques Nucleic acid extraction (Blood, Bacterial, Viral, and Animal Cells) Setting up PCR, Qpcr, QC on Qubit.
- WGS library preparation for sequencing on Illumina nextseq-500.
- Media Preparation, Cell Culture, Autoimmune (ELISA, Immuno blot Assay, IFA) and HLA typing techniques X-map technology (LUMINEX), Karyotyping methodology.
- Animal Handling, Dissection, Drug Infusion to Animals (Mice and Rat).
- NABL/DCGI and GMP documentation.

## SKILLS

- Computer Skills –Mac OS, Operating Systems - Windows XP, 7, 8,10
- Microsoft Office, Web Technologies, Graph pad Prism.
- Multi Quest, Cell Quest and xMAP Technology

## PUBLICATIONS

- **Chandra Shekar Mallarpu**, Meenakshi Ponnana, Sudhir Prasad, Maneendra Singarapu, Lakshmi Kiran Chelluri and Charitha Madiraju, Distinct cell death markers identified in critical care patient survivors diagnosed with sepsis. Immunology Letters, 17 December 2020.
- Yamuna Mohanram; Rashi Jain; **Chandra Shekar Mallarpu**; Meenakshi Ponnana; Deepak Kumar; Venkata Vamsi Krishna Venuganti; Ravindranath Kancherla; Rao VL Papineni; Rheal Towner; Partha Ghosal, Dr Lakshmi Kiran Chelluri . Effect of Engineered Superpara magnetic Iron Oxide Nanoparticles in Targeted Cardiac Precursor Cell Delivery by MRI. BBRC-20-10353

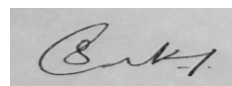
- **Chandra Shekar Mallarpu**, Meenakshi Ponnana, Sudhir Prasad, Maneendra Singarapu, Lakshmi Kiran Chelluri and Charitha Madiraju, Prognostic value of autophagy markers in sepsis- a clinical case report J Immunol May 1, 2020, 204 (1 Supplement) 225.22;
- Tanya Debnath, **Chandra Shekar Mallarpu**, Lakshmi Kiran Chelluri Development of bioengineered organ using biological acellular rat liver scaffold and hepatocytes, -Journal of Organogenesis March 2020.
- Tanya Debnath, Kancherla Ravindranath, **Chandra Shekar Mallarpu**, Pavan Mujawdiya, Suman Kapur and Lakshmi Kiran Chelluri In Vitro Development of an Acellular Biological Liver Scaffold Repopulated with Rat Hepatocytes- J Tissue Sci Eng 10: 224, May 01, 2019.
- Charitha Madiraju, **Chandra Shekar Mallarpu**, Sudhir Prasad, Maneendra Singarapu, Harvinder Brar, Nemanja Bratic, Neda Haririparsa, Jean H. Kim, Meenakshi Ponnana and Lakshmi Kiran Chelluri Identification of autophagy markers in clinical cases of Sepsis- J Immunol May 1, 2019, 202 (1 Supplement) 120.13;Print ISSN 0022-1767.
- Charitha Madiraju, **Chandra Shekar Mallarpu**, Sudhir Prasad, Maneendra Singarapu, Meenakshi P, Tanya Debnath, Jean Kim, Neda Haririparsa, Nemanja Bratic, Harvinder Brar and Lakshmi Kiran Chelluri. Distinct Cell Death Mechanisms In Critical Care Patients Diagnosed With Sepsis. January 2019. Critical Care Medicine 47:769. DOI: 10.1097/01 .ccm.0000552329.33544.ec
- Charitha Madiraju, **Chandra Shekar Mallarpu**, Sudhir Prasad, Maneendra Singarapu, Jean H. Kim, Neda Haririparsa, Nemanja Bratic, Harvinder Brar, John R. Cashman and Lakshmi Kiran Chelluri Cell Death Markers in Sepsis- J Immunol May 1, 2018, 200 (1 Supplement) 166.33;Print ISSN 0022-1767.
- Lakshmi Kiran Chelluri., Upasna Upadhyay, Ravindra Nallagonda, Sudhir Prasad, Mohammad Samiuddin, Rajat Mohanty, **Chandra shekar Mallarpu**, Meenakshi Ponnana, Sindhoora Rawul, Eswara Prasad Chelluri: Safety Study of Autologous Adult Bone Marrow Derived Mesenchymal Stromal Cells in Idiopathic Pulmonary Fibrosis - Pilot Data. New Horizons in Translational Research. 4 (1–4), 2017, 15-22.

## PROFESSIONAL MEETING PRESENTATION

- 2020** SoCal Immunology Virtual Poster presentation at The American Association of Immunologists, San Diego CA, Aug-2020.
- 2019** Poster presentation at The American Association of Immunologists, San Diego CA, May 9-13, 2019 [peer-reviewed]
- 2019** Research snapshot presentation at the Annual Congress-Society of Critical Care Medicine, San Diego CA, February 17-20, 2019 [peer-reviewed]
- 2018** Poster presentation at the 45<sup>th</sup> Immunocon Annual Meeting of Indian Immunology Society (IIS), Faridabad, India, November 1.3 , 2018 [peer-reviewed].
- 2018** Poster presentation at The American Association of Immunologists, Austin TX, CA, May 4-8, 2018 [peer-reviewed]

## ACTIVITIES

- Presented a poster in Immunocon 2018 Immunotherapy and advances in immunology" lecture series organized by (November 2018 at Translational Health Science and Technology Institute (THSTI), Faridabad, India.) On Identifying the Role of Cell Death Markers in Sepsis.
- Participated in ISO 15189; 2012 Internal Audit Training at Gleneagles Global Hospitals Hyderabad 2018.
- Participates in workshop in Animal models in Cancer Research at University of Hyderabad; 2017.
- Participated and presented a poster on 'Multiple Sclerosis' in Gyantharingini annual lecture series organized by Departments of Biochemistry and Microbiology, Bhavans Vivekananda College; 2014
- Presented a poster in Gyantharingini annual lecture series organized by Departments of Biochemistry and Microbiology, Bhavans Vivekananda collegeon 'Melanin – browning agent' – march 2013.



Place: HYDERABAD

Chandra Shekar Mallarpu

Date: 25.Mar.2021.