

Resume

Dr. Keerthi Konda Juturu

Ph.D Human Genetics

9963626712.

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Work Experience:

- Worked as Technician in the Department of Genetics and Molecular Medicine at Kamineni Hospitals (2012-2013).
- Worked as Assistant Director in Global Medical Education and Research Foundation from November 2019 to April 2020.
- Working as Molecular Biologist in Pragathi healthcare from November 2020 to till date.

Expertise in

Cell culture

- Standardized Stem cell culture at Kamineni Hospitals, derived from Amniotic fluid, Products of conception, Peripheral blood, Bone marrow, umbilical cord tissue and Adipose tissue.

Molecular techniques

- PCR, Primer designing, Restriction digestion, Gel electrophoresis, SDS-PAGE and RTPCR techniques.

Cytogenetics techniques

- Karyotyping and FISH

Biochemical techniques

- Flow cytometry, ELISA and IHC

Educational Qualifications:

- **2013 May -2020 January-** Ph.D in the Department Genetics on “Isolation on Genetic Reprogramming and Induced Differentiation of Human Umbilical Cord Mesenchymal Stem Cells into Insulin Producing β -Cells” at Kamineni Hospitals affiliated to Osmania University.

- **2011-** M.Tech Biotechnology from Andhra University.

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- **2008-** B.Tech Biotechnology from Alfa engineering college affiliated to JNTU.

Certificates

- Board of Genetic Counseling India certified Level-1 Genetic Counselor.

Fellowships

- BCIL fellowship.
- DST-Inspire fellowship-2013

Awards

- First rank holder from Andhra University in the year 2011 in Biotechnology subject.

Publications:

1. Bhattacharya, Y., Iyer, G., Kamireddy, A.P., Poornima, S., Juturu, K.K. and Hasan, Q., 2019. Rare Disease Advocacy Groups and Their Significance in Diagnosis, Management, Treatment, and Prevention of Rare Diseases. In Rare Diseases. IntechOpen.
2. Keerthi KJ, Sukumar P, Hasan Q. Immuno-isolation of MSCs Clinical application in diabetic therapy. Research Review, 2018
3. Juturu K, Kamineni V, Shankar R, Errukumbattu J, Tanikella R. Differentiation of human umbilical cord mesenchymal stem cells into insulin producing beta cells for diabetic therapy. IJAR, 2017
4. Subramanyam K, Poornima S, Juturu KK, Anand D, Mohanthy S, Hasan Q. Missense FokI variant in the vitamin D receptor gene in primary knee osteoarthritis patients in south Indian population. Gene Reports. 2016
5. Utility of next generation sequencing in genetic testing and counseling of musculoskeletal disorders – trends observed from a single genetic unit. Gayatri R Iyer^{1,2*}, Roshan Kumar^{3*},

Aruna Priya Kamireddy¹, Subhadra Poornima⁴, Keerthi Konda Juturu¹, Lekhangda Bhatnagar¹,
Srinka Arora¹, Vaishnavi Suresh¹, Prashant R Utage^{5,6}, Sarah Bailur⁵, Akhilesh N Pujar⁷,
Qurratulain Hasan¹

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Personal Details:

Date of birth -18/06/1985

Marital status -Married

Languages known -English, Telugu and Hindi

Address -Hyderabad

Declaration:

I do hereby declare that the all statements made in bio data are true, complete and correct to the best of my knowledge and belief. I understand and agree that in the event of any information being found false or incorrect/incomplete or ineligibility being detected at any time before or after selection my candidature is liable to be rejected.

Dr. K.J. Keerthi

Place: Hyderabad.