**CHINNA KARUPPIAH. K**

**Mobile: +91 7708238338 ~ E-Mail** *chinnakaruppiahhh@gmail.com*

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More than 6 years of experience in Cell culture domain. Have immense knowledge in GMP activities and well versed with sterile operations. Worked with Stem Cell Banking, umbilical cord Mesenchymal Stem Cell (MSC) banking and Therapy.

**WORKING EXPERIANCE:**

**Lazuline Biotech Pvt Ltd. June 2020- till date**

* **From June 29/06/2020 to the present, I worked as a Senior Executive Research Analyst at LAZULINE BIOTECH PVT LTD.**
* **Optimize the expression of recombinant human albumin (rHSA) in various human and animal cell lines.**
* **Stem cells (Mesenchymal Stem Cells Derived from Bone Marrow Culture using Cell Based Bio Assays) Other cell lines -Human dermal Fibroblast, Vero cells, CHO cell**
* **Interdepartmental communication and vendor communication for procurement.**

**ONNSA research innovation Pvt Ltd Production Executive Nov 2019-June 2020**

* **In charge of sterility room of primary cell cultures according to the GMP guidelines and associated documentation.**
* **Isolation and cultivation of mesenchymal stem cells from umbilical cord.**
* **Maintain the inventory and consumables.**
* **Preparing Sops, Purchasing Materials, and Communicating with Vendors.**

**Cryovault Biotech India Pvt Ltd, July 2018-Oct 2019**

* **Isolation of hematopoietic CD34 Positive cells from cord blood.**
* **Quality control entails carrying out blood group, type, and compatibility tests, ELISA and haematology tests.**
* **Documentation and record keeping for laboratory aterials inventory.**
* **Maintenance of lab equipment’s.**

**Life Cell International Pvt Ltd Jan 2016 - June 2018**

* **Cord Tissue Processing- Isolation, Retrieval, Expansion, Passage, and Cryopreservation of Umbilical Cord Derived Mesenchymal Stem Cell Culture (MSC).**
* **Handled over 5000 MSC samples with a success rate of more than 98 percent. \* Experienced in the creation and optimization of culture medium for mammalian cell and tissue culture.**
* **Proficiency in identifying and determining MSCs by microscopic examination.**
* **Good documentation practise: the creation and upkeep of documents and records in order to comply with procedures, rules, and regulations.**

**ACADEMIA**

**M.sc (Biochemistry)**

University : Kongu Arts & Science College, Erode, TN, India

Year of passing : 2015

Percentage : 70.2%

**B.sc (Biochemistry)**

University : Rev.Jacob Memorial Christian College of Arts & Science, Ottanchatram.

Year of passing : 2013

Percentage : 58%

**AWARDS**

* Best Performer of the year Award received from Life cell Pvt ltd-2017, Chennai.
* Star Performer of the year Award received from Life cell Pvt ltd-2017, Chennai.
* Rising star of the year Award received from Life cell Pvt ltd-2017, Chennai.

**Technical skills**

**Cell culture:**

Isolation, maintenance, and preservation of Mesenchymal Stem Cell primary cell culture, microscopy observation, cell counting, and trypsinization activities Cell differentiation, cell senescence, cell viability subculturing, cell doubling assay, revival, and LN2 storage preparation of master cell bank.

**Instruments Handling**

Centrifuges, Laminar air flow, Spectrophotometer, CO2 incubator, Pass Box, Light microscopy, cell counter, autoclave.

**PROJECT**

“Studies on environmental toxicology effect using enzyme activity by blood profile (traffic police) 2015”

**Personal Dossier**

Date of Birth : 20-03-1992.

Permanent Address : East Garden, Allathuranpatty, Kannivadi post, Dindigul-624705, Tamil Nadu -India.

Parentage : Mr. *.*C. Kollayiram*.*

Linguistic Skills : English, Tamil.