



Iswarya R
Plot no 36, APR Nagar, Podasapatti,
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Madurai-625107
Tamil Nadu.

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Objective:

- To build the best career in the field of research that would provide me an opportunity to invest my knowledge and skills for becoming a successful researcher by learning and to service for Growth of Science.

Educational Qualification:

Qualification	Institution	Board / University	Duration	Percentage
Master of Science (Biotechnology)	Lady Doak College, Madurai	MKU, Madurai	2016-2018	86%
Bachelor of Science (Biotechnology)	Thiagarajar college, Madurai	MKU, Madurai	2011-2014	CGPA 8.75
HSC	Sourashtra Girls higher secondary school, Madurai	State Board, Tamil Nadu	2010-2011	84%
SSLC	Sourashtra Girls higher secondary school, Madurai	State Board, Tamil Nadu	2008-2009	93%

Research experience:

- **Project Assistant-II (June, 2018 to December)** -SERB Project entitled characterization and Functional Evaluation of Trabecular Meshwork Stem Cells in Glaucoma pathogenesis in the Department of Immunology and Stem cell biology, Aravind Medical Research Foundation, Madurai.
- **Junior Research Fellow (January 2019 to June 2020)**, SERB Project entitled characterization and Functional Evaluation of Trabecular Meshwork Stem Cells in

Glaucoma pathogenesis in the Department of Immunology and Stem cell biology, Aravind Medical Research Foundation, Madurai.

- **CSIR-UGC-JRF (June 2020 to June 2022)**, Registered PhD under Alagappa University on “Adult Stem Cell Derived Extracellular Vesicular miRNAs for Trabecular Meshwork Regeneration in Glaucoma”, in the Department of Immunology and Stem cell biology, Aravind Medical Research Foundation, Madurai.
- **CSIR-UGC-SRF (June 2022 to till date)**, Upgraded to Senior Research Fellow on June 3 2022.

Achievements:

- Gold medalist in Under Graduate studies (B.Sc Biotechnology)
- Cleared GATE 2018 - stream BT
- Cleared CSIR-NET-LS- 2018
- Qualified JOINT-CSIR-UGC-NET-JRF-December 2019

Others:

- Completed certificated course in “**Functional Genomics**” offered by NPTEL – IIT
- Attended workshop “ **Hands On Training In Animal Cell Culture Techniques**” at Aravind medical research foundation
- Summer project at Aravind Medical Research Foundation entitled “**MicroRNA Expression Studies In Corneal Stem Cells Maintenance And Differentiation**” under the guidance of Dr. C. Gowri Priya, scientist Gr-I, AMRF, Madurai.
- Completed weekend lecture series at NCBS , Bangalore on “ **Gut Microbiome Profile Analysis And Influence In Animal Behaviour**”
- Participated in workshop on “**Analytical Instrumentation Techniques**” at Bishop Heber College, Trichy.
- Project work- “**Mycosynthesis of Silver Nanoparticles, Characterization And Bioefficacy Analysis**”- under the guidance of Ms. Mowna Sundari, Assistant Professor, Department of Biotechnology, Lady Doak College, Madurai.
- **Resource person** for lab module in the workshop on **Basics of Tissue Culture** January 7 -11, 2023
- **Zhongmei Chen Yong award** and **Merit abstract award** from International Society for Stem Cell Research (ISSCR) for the poster presentation in 2021 Annual Meeting, Virtual.
- Received **2nd prize** for the poster presentation in **Research Council Meeting 2022**.
- **Travel award** to present work in **the Indian Eye Research Group meeting 2022**, Hyderabad.
- **1st prize** for the poster presentation in **Research Council Meeting 2023**.

Publications: Submitted a book chapter on “Isolation and Characterization of Trabecular Meshwork Stem Cell Exosomes from the Conditioned Medium”.

PERSONAL DETAILS:

Name : ISWARYA.R
Father's name : RADHAKRISHNAN.T
Sex : Female
Date of Birth : 18-02-1994
Language proficiency : Tamil, English, Hindi.
Permanent Address : Plot no 36, APR nagar, Podasapatti, Thirumogur, Madurai 625107.

REFERENCES

Dr. A. Mercy Pushpalatha,
Former Principal & Secretary,
Lady Doak College,
Madurai- 625002.
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Dr. Gowri Priya Chidambaranathan
Scientist
Department of Immunology and Stem cell
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DECLARATION:

I do hereby declare that all the information given above is true to my knowledge.

Date:

Yours faithfully,

Place: MADURAI

(ISWARYA R)