

S.P. Suhashini Marian Silva MSc, BSc(Hons)

Assistant Lecturer/Demonstrator

Department of Biomedical Sciences,

Faculty of Health Sciences,

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Sri Lanka.

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- Assistant Lecturer/ Demonstrator in Biomedical Sciences, CINEC Campus, Malabe
 - Former Trainee Medical Scribe- Internal Medicine (Family practice), MedSource (Pvt) Ltd, Colombo

Professional qualifications

- 2019 onwards - Assistant Lecturer/ Demonstrator in Biomedical Sciences, CINEC Campus, Malabe
- 2016- 2017 - Trainee Medical Scribe- Internal Medicine (Family practice), MedSource (Pvt) Ltd, Colombo
- 2015 - Training on Molecular Diagnostics, Gene Tech Molecular Diagnostics Colombo -08

Educational qualifications

- 2017- 2019 - Master of Science in Biochemistry & Molecular Biology, Faculty of Medicine, University of Colombo
Research Title: Lipid metabolism in different adipose tissues in pregnant women – A preliminary study.
Registration number: M.Sc./2017/12
Specialized areas – Biochemistry, Molecular Biology, Molecular techniques
- 2020 - Completed Teacher’s training program organized by Faculty of Humanities and Education, Cinec Campus, Malabe.
- 2016 - Bachelor of Science (Hons) in Biomedical Science, Faculty of Science, University of Wolverhampton –United Kingdom
Research Title: Investigating the natural immune response of B cell epitopes of NS1 protein of Dengue virus serotype 1
Class: Second Class upper division
Awarded the batch top

- 2013 – 2015 – Pearson BTEC Higher National Diploma in Biomedical Sciences
Grade: Overall Distinction grade

Administrative Experience

- 2019 -2020 Biology module coordinator, Faculty of Health Sciences, Cinec Campus
- 2019 -2020 Personality development module coordinator, Faculty of Health Sciences, Cinec Campus

Responsibilities and Duties as an Assistant Lecturer

- Conducting lectures, laboratory practicals and tutorials in Biology, Introduction to Biomedical Sciences, Foundation of chemistry, Biochemistry and personality development modules.
- Setting and conducting examinations and paper marking.

Teaching Experience and curriculum development

- I have been working as an Assistant lecturer in the department of biomedical sciences and I'm involved in conducting lectures, practicals, tutorials and conducting main examinations in Biology, Introduction to Biomedical Sciences, Foundation of chemistry, Biochemistry and personality development modules.
- I have been involved in the curriculum development for the Higher National Diploma in Biomedical Sciences which is to be offered by the department of Biomedical Sciences, Faculty of Health Sciences, Cinec Campus.

Undergraduate Supervision

- Supervising undergraduate students' mini researches.

Research Interest

- Investigating Lipid metabolism in different adipose tissues in pregnant women
- Extraction of RNA from adipose tissues
- Genes involved in alteration of lipid metabolism
- Molecular pharming

Completed Research Projects

1. Carried out a research project on “Lipid metabolism in different adipose tissues in pregnant women – A preliminary study” at the faculty of Medicine, University of Colombo.
2. Investigating the Natural Immune Response against the B cell epitopes of NS1 protein of Dengue virus serotype 1 at the General Sir John Kotalawela Defence University Ratmalana.
3. Carried out a research project on “Let’s Lead to a future free of Birth Defects”.
4. Awareness programme on Down syndrome disease.
5. Awarded a “Merit” for the completion of an online course on Proposal & research writing (AuthorAID).

Research Presentations

Abstract Presentations

1. Oral presentation

Silva SPSM, Senanayake H, Thoradeniya ST. PRE-PREGNANCY BODY MASS INDEX IS ASSOCIATED WITH HIGHER RATES OF LIPOLYSIS IN HUMAN ADIPOCYTES: AN *EX VIVO* ANALYSIS. Sri Lanka Association for Laboratory Animal Science (SLALAS) Seventh Annual Scientific Sessions and International Conference 2019/2020. Free paper No 01

2. Oral presentation

Silva SPSM, Chandrasekaran NV, Senanayake H, Kajan M, Thoradeniya ST. DEEP ADIPOSE TISSUE DEPOT: THE MOST METABOLICALLY ACTIVE DEPOT IN BOTH NORMAL WEIGHT AND OVERWEIGHT PREGNANT WOMEN. Sri Lanka Association for the Advancement of Science Proceedings of the 75th Annual Sessions – 2019. 106/A.

3. Poster presentation

Silva SPSM, Chandrasekaran NV, Senanayake H, Kajan M, Thoradeniya ST. ADIPOCYTE SIZE IS ASSOCIATED WITH ELEVATED RATES OF LIPOLYSIS AND EXPRESSION OF HORMONE SENSITIVE LIPASE (HSL) GENE IN PREGNANT WOMEN. 132nd Anniversary International Medical Congress of the Sri Lanka Medical Association. AB277.

4. Poster presentation

Silva SPSM, Chandrasekaran NV, Senanayake H, Kajan M, Thoradeniya ST. AN OPTIMIZED PROTOCOL FOR EXTRACTION OF RNA FOR THE ANALYSIS OF EXPRESSION OF HORMONE-SENSITIVE LIPASE GENE IN ADIPOSE TISSUES OF PREGNANT WOMEN. Colombo Medical Congress 2020. PP A15

5. Silva SPSM, Is pre-pregnancy BMI sufficient to access consequences of maternal obesity?

Postgraduate Research Communication Day, Research and Higher Degrees Committee (RHDC), Faculty of Medicine, University of Colombo, 2019.

Research Awards

Awarded the **Dr. Sharmini Jayasekara award for the best oral communication at the Seventh Annual Scientific Sessions and International Conference 2019/2020** of Sri Lanka Association for Laboratory Animal Science (SLALAS).

National Services

- Awarded a merit for a social service project organized by the Help Age Sri Lanka.
- Participated for the masterminds quiz competition 2013- Lions Club of Moratuwa.

Memberships

- Life member of Sri Lanka Association for the Advancement of Science (SLAAS)
Membership number : 1097 1/D