

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

Lecturer in Biomedical Sciences

Department of Biomedical Sciences,

Faculty of Health Sciences,

CINEC Campus, Malabe

Sri Lanka.

Contact no: 0775654769

Email: Suhashini.Silva@cinec.edu



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

Professional qualifications

- February 2021 onwards - Lecturer in Biomedical Sciences, CINEC Campus, Malabe
- October 2019- January 2021- 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

- 2021 Higher Diploma Coordinator, Faculty of Health Sciences, CINEC Campus
- 2019 -2021 Module Coordinator of Introduction to Biomedical Sciences, Laboratory Safety and Personality development module.

Responsibilities and Duties as a Lecturer

- Conducting lectures, laboratory practicals and tutorials in Introduction to Biomedical Sciences, Biochemistry, Molecular Biology, Human Genetics, Laboratory Safety and personality development modules.
- Setting and conducting examinations and paper marking.

Teaching Experience and curriculum development

- I have been working as a lecturer in the department of biomedical sciences and I'm involved in conducting lectures, practicals, tutorials and conducting main examinations in Introduction to Biomedical Sciences, Biochemistry, Molecular Biology, Human Genetics, Laboratory Safety and personality development modules.
- I have been involved in the curriculum development for the Higher Diploma in Biomedical Sciences which is to be offered by the department of Biomedical Sciences, Faculty of Health Sciences, CINEC Campus.

Undergraduate Supervision

Supervised the following mini research of undergraduate students of Department of Biomedical Sciences, Faculty of Health Sciences, CINEC Campus.

Co-supervised the following mini researches of undergraduate students of Department of Biomedical Sciences, Faculty of Health Sciences, CINEC Campus.

1. Welgama, W.D.P., Wickramaratne, D.V., Deshan, H.M.N., Pannila, M.B.P. Analysis of Neutrophil-Lymphocyte Ratio in Full Blood Count Reports in Patients Confirmed with Fever.
2. Abesinghe, A.H.M.A.N, Edirisinghe, S., Vithushan, J., Nitharshani, R.D. Pilot Study of Variation of Neutrophil Counts in Full Blood Counts in Relation to The Age; Sri Lankan Perspective.

Research Interest

1. Investigating Lipid metabolism in different adipose tissues in pregnant women
2. Extraction of RNA from adipose tissues
3. Genes involved in alteration of lipid metabolism
4. 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

Review Articles

Silva SPSM and Siridewa K, (2021) Molecular Pharming: A New Approach for a Healthy Future by a Vast Development in the Pharmaceutical Industry, Current Trends in Biotechnology and Pharmacy,15 (3) 315-324

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 assess consequences of maternal obesity?

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

6. Oral presentations

Welgama WDP, Wickramaratne DV, Deshan HMN, Pannila MBP, De Silva GWBP, Silva SPSM, Baragamaarachchi RY. ANALYSIS OF NEUTROPHIL- LYMPHOCYTE RATIO IN FULL BLOOD COUNT REPORTS IN PATIENTS CONFIRMED WITH FEVER. CINEC Student Research Symposium 202, 48

7. Oral presentations

Abesinghe AHMAN, Edirisinghe S, Vithushan J, Nitharshani RD, Silva SPSM, Baragamaarachchi RY. PILOT STUDY OF VARIATION OF NEUTROPHIL COUNTS IN FULL BLOOD COUNTS IN RELATION TO THE AGE; SRI LANKAN PRESPECTIVE. CINEC Student Research Symposium 2020, 49

8. Oral presentation

Madampe SN, Weerasooriya MS, Lakshika WAC, Kariyawasam SDR, Fernandopulle RC, Silva SPSM, PREVALENCE OF PRIMARY DYSMENORRHEA AND ITS IMPACT ON THE DAY-TO-DAY

ACTIVITIES AMONG UNDERRADUATE FEMALE STUDENTS IN NON-STATE UNIVERSITIES IN COLOMBO DISTRICT SRI LANKA. CINEC Student Research Symposium 2021.

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).

Special Services

- Compered at the CINEC student research symposium - 2020
- Compered at the Batch 4 Inauguration ceremony of the Faculty of Health Sciences, CINEC campus 2020
- Participated in the CINEC Christmas Carols 2019 and 2020

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