

## Grants / Patents:

1. Principal investigator - Chronic obstructive pulmonary disease in biomass fuel users in Tamil Nadu- a pilot study for assessment of prevalence and implications for the burden of disease in rural women - funded by SRMC **GATE Research Grant**
2. Co investigator - Estimating health impacts associated with exposures to fine particles in Chennai city- funded by **ICMR**
3. Co – investigator – ‘Mother child cohort for adverse pregnancy outcomes’ and ‘Air pollution and endovascular diseases’ - funded by **ICMR**
4. Principal investigator - Exploring Respiratory Health Outcomes from Sustained Use of Efficient Cookstoves – funded by **NIH**
5. Coinvestigator of the study titled ‘Putative role of anti-ageing protein klotho and arterial stiffness in CKD’ – funded by SRU **GATE research grant**
6. Coinvestigator for the study titled ‘Role of soluble urokinase-type plasminogen activator receptor (supar) as a predictor of chronic obstructive pulmonary disease severity – a cross sectional study’ – funded by **DST- SERB**
7. Coinvestigator for the study titled “Evaluating the role of periostin as a novel biomarker in asthmatics “ – funded by **DST- SERB**
8. Coinvestigator for the study titled “ Occupational heat stress implications on renal health in the context of climate change” – funded by **DST - SPLICE**

## Publications:

1. WMS Johnson, **Priscilla Johnson** , Melani Rajendran & SubaRaju. Walking Stick-Is it a Thing of the Past? Anatomical Adjuncts, Journal of the Association of Anatomists, TamilNadu, Sept 2004;Vol 4(1):31 -34
2. **Priscilla Johnson**, WMS Johnson ,K.P.Vijayalakshmi Autonomic functions in Obesity, Biomedicine, 2005;12 – 14.
3. **Priscilla Johnson**, WMS Johnson, Senthilkumar, Sai Kumar, Madhusudhan Rao.Effects of Posture on Autonomic Functions. Anatomica Karnataka, Journal of the Association of Anatomists, Karnataka, 2006;42-49
4. Sheela Ravinder.S, **Priscilla.J.**,Jayachandran.P.,Mathangi.D.C, Subhashini.A.S., Fibrinogen as a coronary artery disease risk factor in younger age group in sub-urban Chennai, Bulletin of Association of Physiologists of Tamilnadu. Vol 1(1),2007;25 – 27.
5. **Priscilla.J.** Johnson.W.M.S., MuthuPrathiba, Subhashini.A.S., Changing trends in the evaluation of practical skills, Bulletin of Association of Physiologists of Tamilnadu.Vol 1(1),2007,28 – 29.
6. Semmal.S.M., **Priscilla.J.**, Madhusudhan.Rao Subhashini.A.S., Heart rate variability in postmenopausal women, Bulletin of Association of Physiologists of Tamilnadu. April 2008 ;Vol 2 (1) :20 -22.
7. Ganesh.M.,**Priscilla Johnson**, Aswin Sayiram, Subhashini.A.S.,Fibrinogen levels during different phases of menstrual cycle.Sri Ramachandra Journal of Medicine. Aug 2008;21 -23.
8. Archana.P.K.,**Priscilla.J.**,Mathangi.D.C.,Ganesh.M, Subhashini.A.S.,A study on fibrinogen levels in postmenopausal women, Bulletin of Association of Physiologists of Tamilnadu. April 2008;Vol 2 (1) :17 -19.

9. Deepti Shastri, WMS Johnson, **Priscilla Johnson** ,Congenital Linear Dermatosis - a case report ;Anatomical Adjuncts, Journal of the Association of Anatomists, Tamilnadu, Sept 2008; Vol 5 No2, p41- 44
10. Muthu Prathiba K, **Priscilla Johnson**, Mathangi DC,Subhashini AS, Shymala R. Powerpoint presentations - are they powerful or pointless? Bulletin of Association of Physiologists of Tamilnadu 2009; 3(1):18-20
11. Deepalakshmi K,**Priscilla Johnson**, Padmavathi R,Thangavel G, Subhashini AS.A Preliminary study of assesment of left ventricular functions in morbid obesity. Bulletin of Association of Physiologists of Tamilnadu 2009; 3(1):21-23
12. C.C.Umayal, **Priscilla Johnson**, Johnson W.M.S. Upper gastrointestinal mucosal lesions in chronic renal failiure. Bulletin of Association of Physiologists of Tamilnadu 2009; 3(1):28-30
13. V.Rohit Gopinath, **Priscilla Johnson**, Archana P.Kumar, Muthu Prathibha.K, A.S.Subhashini, Gopinath Menon. Prevalence Of Osteoporosis And Evaluation Of Its Risk Factors In Surgical And Natural Postmenopausal Women – A Pilot Study. Sri Ramachandra Journal of Medicine. Jan – June, 2010, Vol. 3, Issue 1, 9 - 13.
14. Sivapriya, **Priscilla J**, Padmavathi R, Subhashini AS, Ayyappan, Suriyanarayanan. Evaluation of the Relationship between Workload and Work Capacity in Petrochemical and Tannery Workers - A Pilot Study, Life Sciences and Medicine Research, Volume 2010: LSMR-19
15. **Johnson Priscilla**, Ramaswamy Padmavathi, Santu Ghosh, Preetha Paul, Sitalakshmi Ramadoss, Kalpana Balakrishnan, Vijayalakshmi Thanasekaraan, Subhashini A. S. Evaluation of mucociliary clearance among women using biomass and clean fuel in a periurban area of Chennai: A preliminary study. Lung India. Jan - Mar 2011.Vol 28 ( Issue 1)p30-33
16. WMS.Johnson, Bertha.A, **Priscilla Johnson**. Prevalence of upper extremity musculoskeletal disorders among workers in an industrial town in Tamilnadu. Journal of Clinical and Diagnostic Research. April 2011.Vol.5(Issue.2) p187-90
17. Spandana Charles, **Priscilla Johnson**, R.Padmavathi, Rajagopalan, A.S.Subhashini, Archana.P.Kumar. The prevalence of gastro esophageal relux disease in asthmatics. Journal of Clinical & Diagnostic Research. August 2011. Vol.5( Issue.4):711-713.
18. Kalpana Balakrishnan, Padmavathi Ramaswamy,Sankar Sambandam, Gurusamy Thangavel, Santu Ghosh,**Priscilla Johnson**, Krishnendu Mukhopadhyay,Vidhya Venugopal, Vijayalakshmi Thanasekaraan.Air pollution from household solid fuel combustion in India: an overview of exposure and health related information to inform health research priorities Citation: Global Health Action 2011, 4: 5638 - DOI: 10.3402/gha.v4i0.5638
19. **Priscilla Johnson**, Kalpana Balakrishnan,Padmavathi Ramaswamy, Santu Ghosh,Muthukumar Sadhasivam, Omprakash Abirami,Bernard W. C. Sathiasekaran, Kirk R. Smith,Vijayalakshmi Thanasekaraan and Arcot S. Subhashini.Prevalence of chronic obstructive pulmonary disease in rural women of Tamilnadu: implications for refining disease burden assessments attributable to household biomass combustion. Global Health Action 2011, 4: 7226 - DOI: 10.3402/gha.v4i0.7226
20. Spandana C, **Priscilla J**, Padmavathi.R, Rajagopalan.B,Sheela.R,Subhashini.A.S. Prevalence of irritable bowel syndrome in asthmatics. Bulletin of Association of Physiologists of Tamilnadu. 2012 Vol (6) Issue1:p31-33
21. WMS Johnson, **Priscilla Johnson**, Marfan syndrome - a case report. Anatomica Karnataka. 2012; 6(1): 35-39
22. Preetha Paul, **Priscilla Johnson**, Padmavathi Ramaswamy, Sitalakshmi Ramadoss, Bagavad Geetha, A. S. Subhashini:The Effect of Ageing on Nasal Mucociliary Clearance in Women: A Pilot

Study. ISRN Pulmonology. Volume 2013 (2013), Article ID 598589, 5 pages. <http://dx.doi.org/10.1155/2013/598589>

23. Prathibha K M1\* , Malarvizhi Ravichandran2, Priscilla Johnson2. Comparison of occupational stress in teachers and software professionals : A questionnaire study. Journal of Clinical and Biomedical Sciences.2013; 3(4):167-70
24. Johnson WMS , **Priscilla Johnson** , Vathsala V , Jacintha Antony. The Utility Value of Anatomy Museums in Medical Education in Tamilnadu. – Anatomica Karnataka – an International Journal, 2013; 7(1):31-33.
25. Prathibha K.M, Priscilla Johnson, Mathangi Ganesh, Arcot S. Subhashini. Evaluation of Salivary Profile among Adult Type two Diabetes Mellitus Patients in South India. Journal of Clinical and diagnostic research. August 2013, Volume : 7, Issue : **8**, Page : 1592 – 1595
26. K.Deepalakshmi,**Priscilla Johnson**,Padmavathi,G.Thangavel,P.Jayachandran,R.Ayyappan,Kalpana Balakrishnan.Noise induced hearing loss and hypertension in industrial workers – a cross sectional study. National Journal of Physiology.2013Vol 1 Issue1.pg6-10
27. Sheela Ravinder, **Priscilla Johnson**, Santu Ghosh, Bhuvaneshwari,Durairaj.N,Moumita Chakraborty, , Kalpana Balakrishnan, Padmavathi Ramasamy,B.Rajagopalan. Diurnal variations of PEFr in asthmatics and healthy individuals – a pilot study. National Journal of Physiology.2013.Vol 1 Issue1.pg 30-34
28. Manu Kurian Baby, Prathibha K Muthu, **Priscilla Johnson**, Senthil Kannan. Effect of cigarette smoking on nasal mucociliary clearance: A comparative analysis using saccharin test. Lung India. Jan-March,2014, 31: 39-42
29. Bhuvaneshwari. T, Sheela Ravinder.S, **Priscilla Johnson**, Santu Ghosh,Kalpana Balakrishnan, Padmavathi R, Subhashini A.S. Emergency room visits due to respiratory illness from major hospitals of Chennai: A Preliminary study. Scholars Journal of Applied Medical Sciences. 2014, 2(4A). 1241-1246
30. Bhuvaneshwari. T, Sheela Ravinder.S, **Priscilla Johnson**, Santu Ghosh, Kalpana Balakrishnan, Padmavathi R, Subhashini A.S. Emergency room visits due to Cardiovascular illness from major hospitals of Chennai: A Preliminary study. International Journal of Pure & Applied Bioscience ISSN 2320-7051. 2014; 2(4); 48-54
31. Dhivya.K, Abirami Omprakash, Chitra Shanmugam, **Priscilla Johnson**, Padmavathi Ramaswamy ,Kalpana Balakrishnan. Nasal mucociliary clearance among urban and rural women in and around Chennai. National Journal of Physiology,2014, 2(1),1-6
32. W.M.S.Johnson,R.Archana,K.M.Prathibha,**Priscilla Johnson**.Anatomy research under the knife of medical ethics. Journal of Pharmacy and BioAllied Sciences, April2015;7:546-8
33. Kalpana Balakrishnan, Sankar Sambandam, Padmavathi Ramaswamy,Santu Ghosh, Vettriselvi Venkatesan,Gurusamy Thangavel, Krishnendu Mukhopadhyay,**Priscilla Johnson**,Solomon Paul, Naveen Puttaswamy, Rupinder S Dhaliwal, D K Shukla, SRU-CAR Team. Establishing integrated rural–urban cohorts to assess air pollution-related health effects in pregnant women, children and adults in Southern India: an overview of objectives, design and methods in the Tamil Nadu Air Pollution and Health Effects (TAPHE) study. BMJ Open 2015;5:e008090. doi:10.1136/bmjopen-2015-008090 (2015)
34. Chitra M, Mathangi DC, **Priscilla Johnson** and Prema Sembulingam. Maternal Oxidative Stress and Antioxidant Defence during Labour. IOSR Journal of Dental and Medical Sciences Volume 14, Issue 4 Ver. V (Apr. 2015), p 10-15

35. Lalitha Shanmugam, S Sheela Ravinder<sup>1</sup>, **Priscilla Johnson<sup>1</sup>**, R Padmavathi<sup>1</sup>, B Rajagopalan<sup>2</sup>, Anupma Jyoti Kindo<sup>3</sup> Assessment of phagocytic activity of neutrophils in chronic obstructive pulmonary disease. Lung India- Vol 32 ( Issue 5) : Sep - Oct 2015,p 437-440.
36. Premkumar. S<sup>1\*</sup>, Padmavathi Ramaswamy<sup>2</sup>, **Priscilla Johnson<sup>3</sup>**, Santu Ghosh<sup>4</sup>, Sankar Sambandam<sup>5</sup>, Kalpana Balakrishnan<sup>6</sup>, Vijayalakshmi Thanasekaraan<sup>7</sup>.A descriptive study of socioeconomic factors among nonsmoking rural female tuberculosis patients Sch. J. App. Med. Sci., 2016; 4(12B):4307-4310.
37. **Priscilla Johnson**, Sheela Ravinder, Santu Ghosh, Padmavathi.R, Balakrishnan.K, Generation of exposure response relationship between urban air pollution and short term health effects in Chennai, Proceedings of ISEE, Environmental Health Perspectives 2016:ID 3122
38. Exposures to fine particulate matter (PM2.5) and birthweight in a rural-urban, mother-child cohort in Tamil Nadu, India. Environmental Research ER\_2017\_1094\_R1
39. Sameer Patel, Anna Leavey, Praveen Kumar, Jaime Tarsi, Krishnendu Mukhopadhyay, **Priscilla Johnson**, Kalpana Balakrishnan, Kenneth B. Schechtman, Mario Castro, Gautam Yadama, and Pratim Biswas, Associations between Household Air Pollution and Reduced Lung Function in Women and Children in Rural Southern India, Journal of Applied Toxicology – **2018;1-11** (Article ID: JAT3659; Article DOI: 10.1002/jat.3659; Internal Article ID: 15522145)
40. D Rekha, Johnson Priscilla, Subhasis Das, B Rajagopalan, GR Sathy.Serum Urokinase Plasminogen Activator as a Novel Biological Marker for COPD- A Review.Journal of Clinical & Diagnostic Research. 2019 Jul 1;13(7)
41. G. R. Sathya , Priscilla Johnson, Subhasis Das, B. Rajagopalan , D. Rekha. ‘ Periostin – Its role in asthma and inflammation: A review.Drug Invention Today ;2019;11:9
42. Priscilla Johnson, Sheela Ravinder, Geetha Rani. Evaluation of phagocytic function of peripheral neutrophils in bronchial asthma. Journal of Association of Pulmonologists of Tamilnadu. Vol 1 Issue 3 Jan – April 2019, pg 102 -107
43. Priscilla Johnson,Johnson WMS, Meenakumari K, Digital Detox, National Journal of Physiology.2019;7(2):51 - 57
44. Vidhya Venugopal, Rekha Shanmugam, Priscilla Johnson, Rebekah Ann Isabel Lucas and Kristina Jakobsson, Heat stress and inadequate toilet access at work places in India – a potential hazard to working women in a changing climate, Climasco Research Articles 2, 1 Oct 2019, <https://doi.org/10.37207/CRA.2.4>
45. Venugopal V, Latha PK, Shanmugam R, Krishnamoorthy M, Johnson P. Occupational heat stress induced health impacts: A cross-sectional study from South Indian working population. Advances in Climate Change Research. 2020 Jun 12.
46. A newer approach for quantitative assessment of patellar tendon reflex response using biomechanical data of foot movement by a digital method, Sports Orthopaedics and Traumatology. 0949-328X, impact factor 0.24
47. Vidhya Venugopal, Rekha Shanmugam, Priscilla Johnson, Rebekah Ann Isabel Lucas and Kristina Jakobsson, Heat stress and inadequate toilet access at work places in India – a potential hazard to working women in a changing climate, Climasco Research Articles 2, 1 Oct 2019, <https://doi.org/10.37207/CRA.2.4>

48. Johnson P, Mukhopadhyay K, Durairaj N, Rengaraj R, Kumar P, Leavey A, Sheshadri A, Kandikuppa S, Tarsi J, Sandeep G, Balakrishnan K. Effect of improved cook stove intervention on pulmonary function tests of rural women in Andhra Pradesh. Environmental Epidemiology. 2019 Oct 1;3:185-6. [https://isee2019.org/wp-content/uploads/2019/08/Abstractbook\\_Tuesday\\_27-August\\_.pdf](https://isee2019.org/wp-content/uploads/2019/08/Abstractbook_Tuesday_27-August_.pdf)
49. Johnson P, Venugopal V, Durairaj N, Sandeep G. Occupational dust exposure and lung functions of steel industry workers in Tamilnadu—a cross sectional study. Environmental Epidemiology. 2019 Oct 1;3:186. [https://isee2019.org/wp-content/uploads/2019/08/Abstractbook\\_Tuesday\\_27-August\\_.pdf](https://isee2019.org/wp-content/uploads/2019/08/Abstractbook_Tuesday_27-August_.pdf)

#### **Book Chapter:**

- Kalpana Balakrishnan, Sambandam Sankar, Santu Ghosh, Gurusamy Thangavel, Krishnendu Mukhopadhyay, Padmavathi Ramaswamy, **Priscilla Johnson**, Vijayalakshmi Thanasekaraan (2014). Household Air Pollution Related to Solid Cookfuel Use: The Exposure and Health Situation in Developing Countries. Indoor Air Pollution, 2nd Edition, Handbook Environmental Chemistry, Book Chapter In P. Pluschke and H. Schleichinger (eds.), Springer Verlag, Berlin. doi:10.1007 /698\_2014\_260
- Priscilla Johnson (2019). **Postgraduate Teaching Skills** (Proceedings of Value Added Course – RPTS 2019) ISBN NUMBER - 978-93-5382-579-9
- Priscilla Johnson (2019). **Proceedings of ResMEcon 2019**. (13th Annual Conference Of Association Of Physiologists Of Tamilnadu) ISBN NUMBER 978-93-5391-548-3

#### **Any other information-**

- Organised & conducted CriatiVO in Sept 2020 with other preclinical departments
- Organised & conducted Virtual RaPTS workshop in Aug 2020
- Organised & conducted a virtual CME on Aging in July 2020
- Organised & conducted a CME on Significance of sleep in March 2020
- Organised & conducted a CME on Peripheral Neuropathy in Feb 2020
- Organised & conducted a workshop on Neurotouch in Feb 2020
- Organised & conducted Virtual RaPTS workshop from 28th to 29th August, 2020 at SRMC & RI

- Organised & conducted an International Conference on Respiratory Physiology and Medical Education – “ResMeCon” in Nov 2019
- Organised & conducted preconference workshops on Postgraduate teaching skills and Basic life support in Nov 2019
- Organised & conducted RaPTS workshop from 8th to 11th July,2019 at SRMC & RI