

## **Book Chapter Publication**

- Have co-authored for two chapters
- Chapter 11- A Review on the Effects of WIFI on Cognitive Function. Sridevi G, Ravi Sankar Periyasamy and Bhavani M. In: Horizons in Neuroscience Research. Volume 50 Editors: Andres Costa and Eugenio Villalba. ISBN: 979-8-89113-103-3. 2023 Nova Science Publishers, Inc.
- Chapter 12. Neuronal Plasticity in an Enriched Environment: A Review of Literature. Ravi Shankar Panneerselvam, Ravi Sankar Periyasamy, V. Vinothini. In: Horizons in Neuroscience Research. Volume 50 Editors: Andres Costa and Eugenio Villalba. ISBN: 979-8-89113-103-3. 2023 Nova Science Publishers, Inc.

## **PROFESSIONAL AFFILIATIONS**

- Life member in International Society for Neurochemistry (ID -22534-to be renewed)
- Life member in International Placental Stem Cell Society (136)
- Life member in Indian Association of Biomedical Sciences (IABMS-641)
- Life member in Society for Neurochemistry, India (SNCI) (No. LM-I-152)
- Life member in Association of Anatomist, Tamil Nadu, (LM- 160)
- Life member in Anatomical Society of India (5904)
- Life member in Indian Academy of Neurosciences (LP-76)

## **AWARD RECEIVED**

- Dr. JAYAVELU Memorial award for the best paper presentation for the post graduate in the XXX<sup>th</sup> Annual conference of Association of Anatomists, Tamil nadu held from 8<sup>th</sup> to 9<sup>th</sup> September 2007 at Aarupadai Veedu Medical College & Hospital, Puducherry 607 402. India.
- Best paper presentation (Oral-Virtual) award entitled “Electron Microscopic observation of Corpus Striatum of Normal and 2, 4, 5-trihydroxyphenylethylamine (6-ohda) Induced Parkinsonian Disease Model in Wistar Albino Rats.” in 68<sup>th</sup> National Conference of Anatomical Society of India, held from 28<sup>th</sup>-30 January 2022, organized by Department of Anatomy, King George’s Medical University, Lucknow, Uttar Pradesh, India.

## **CONFERENCES AND PRESENTATIONS**

- On “Cytoarchitectonic organization of cervical segments of spinal cord in Bonnet Monkey (*Macaca radiata*)” in the 18<sup>th</sup> Annual Conference, Association of Anatomists, Tamil Nadu held on 16<sup>th</sup> and 17<sup>th</sup> September, 1995 at Dept. of Anatomy, V.M.S. Dental College, Salem – 636 308, Tamil Nadu, India.

- On “Epigenetic Variations in the Adult Human Crania Part II” in 43<sup>rd</sup> Annual Conference of Anatomical Society of India held from 17<sup>th</sup> – 19<sup>th</sup> December, 1995 at Mahatma Gandhi Institute of Medical Sciences, Sevagram Maharashtra – 442 102, India.
- On “Observation Cyto-architectonic organization of spinal grey column in the cervical segment of spinal cord in Bonnet Monkey (*Macaca radiata*)” in 43<sup>rd</sup> Annual Conference of Anatomical Society of India held from 17<sup>th</sup> – 19<sup>th</sup> December, 1995 at Mahatma Gandhi Institute of Medical Sciences, Sevagram Maharashtra – 442 102, India.
- On “The Clinical significance of the posterior inferior cerebellar artery in relation with fourth ventricle of the brain” in 20<sup>th</sup> Annual Conference of Association of Anatomists, Tamil Nadu held on September, 1997 at Christian Medical College, Vellore-632004, Tamil Nadu, India.
- On “Histological Observations of the normal and electrically lesioned caudateputment nucleus of the male Wistar albino rats (*Rattus norvegicus*)” in 52<sup>nd</sup> Annual Conference of Anatomical Society of India held from 28<sup>th</sup> – 30<sup>th</sup> December 2004 at Osmania and Gandhi Medical Colleges, Hyderabad, Andhra Pradesh, India.
- On “Behavioral and Histological observations after 6-Hydroxydopamine (6-OHDA) lesion and Human Amniotic Epithelial (HAE) Cells transplantation in Corpus Striatum of Wistar albino rats” in 30<sup>th</sup> Annual Conference of Association of Anatomist Tamil Nadu, held on 8<sup>th</sup> and 9<sup>th</sup> September 2007 at Aarupadaiveedu Medical College & Hospital, Puducherry-607402, India.
- On “Behavioral and Histological observations after 6-Hydroxydopamine (6-OHDA) lesion and Human Amniotic Epithelial (HAE) Cells transplantation in Corpus Striatum of Wistar albino rats” in 55<sup>th</sup> Annual Conference of Anatomical Society of India held on 27<sup>th</sup> – 29<sup>th</sup> December, 2007 at Lokmanya Tilak Municipal Medical College, Sion, Mumbai -400022, India.
- On “Histological and Behavioral observation after the transplantation of Human Amniotic Epithelial cells in 6-OHDA Lesioned corpus striatum of Wistar albino rats” in 60<sup>th</sup> National conference of Anatomical Society of India held from 27<sup>th</sup> -29<sup>th</sup> December 2012 at KIMS BBSR, Odisha, India.
- On “Neurochemical and Histological observation after the transplantation of Human Amniotic Epithelial cells in 6-OHDA Lesioned corpus striatum of Wistar albino rats” in 63<sup>rd</sup> National conference of Anatomical Society of India held from 21<sup>st</sup> - 23<sup>rd</sup> November 2015 at King George’s Medical University, Lucknow-226003, Uttar Pradesh, India.

- On “Electron Microscopic Observation of Corpus Striatum of Normal And 2, 4, 5-trihydroxyphenylethylamine (6-ohda) Induced Parkinsonian Disease Model In Wistar Albino Rats” in 68<sup>th</sup> National Conference of Anatomical Society of India held from 28<sup>th</sup> - 30<sup>th</sup> January 2022 at Department of Anatomy, King George’s Medical University, Lucknow-226003, Uttar Pradesh, India.
- On “Periampullary Carcinoma- Clinical and Histopathological Observations”- A Case study in 69 National Conference of Anatomical Society of India held from 8<sup>th</sup> -11<sup>th</sup> December 2022 at Department of Anatomy, Gadag Institute of Medical Sciences, Gadag-522101, Karnataka, India.

### **EXTRACURRICULAR ACTIVITIES AND SKILLS**

- Good knowledge of Microsoft word, excel and SPSS software.
- Capable of preparing for lectures in short duration using keynote and power points.
- Can work efficiently in a team to organize workshops and conferences.
- Can actively taking part in social activities such as canvassing the awareness on body donation to medical institutions.
- Participating in indoor and outdoor sports activity to maintain the physical fitness.

### **LIST OF PUBLICATIONS**

1. Ravisankar Periyasamy and Muthusamy Rathinasamy (2013). Nonimmunogenicity of human amniotic epithelial cells in circulation and subcutaneous tissue of the wistar albino rats. International Journal of Basic and Applied Medical Sciences, Volume 3 (1);267-275.
2. Kasargod Venkatakrishnayya Omprakash, Kanthaiah, Rathinasamy Muthusamy, Periyasamy Ravisankar, Nagaraj Puranik, Radhakrishnan Ramesh Kumar and Matada Gurushanthaiah (2013). Human Amniotic Epithelial (HAE) cell grafts establish connections with host hippocampal cells and suppress aberrant host mossy fiber sprouting of the dentate supragranular layer in a rat model after trimethyltin chloride (TMT) Lesion. International Journal of Recent Trends in Science and Technology, Volume 9 (2); 275-280.
3. Ravisankar periyasamy, Kasargod Venkatakrishnayya Omprakash, Muthusamy Rathinasamy, Rameshkumar Radhakrishnan, Ravindran Rajan and Sheeladevi Rathinasamy (2014). Behavioral and Histological Observations after the human amniotic epithelial cells transplantation in the 6-Hydroxydopamine induced parkinsonism disease model in wistar albino rats. International Journal of Recent Trends in Science and Technology, Volume 10(2); 378-385.
4. Ravisankar Periyasamy, Ramesh Kumar Radhakrishnan, Muthusamy Rathinasamy (2014). Improvement of Motor and sensory-motor behaviors after the Human Amniotic Epithelial cells transplantation in 6-OHDA Lesioned Corpus striatum of Wistar albino rats, Research and Reviews: A Journal of Neuroscience, Volume 4 (2); 34-45.

5. R. Ramesh Kumar, P. Ravisankar, R. Muthusamy (2014) Delayed Transplantation of Human Amniotic Epithelial Cells in Transient Focal Cerebral Ischemia Induced Rat Brain Can Survive and Ameliorate Functional Recovery. *International journal of Anatomical sciences* 5(1);17-25
6. Ravisankar Periyasamy, Ramesh kumar, Ravindiran Rajan, Omprakash Kasargod (2021). Neurochemical Observations after the Transplantation of the Human Amniotic Epithelial Cells in 6-Hydroxydopamine induced Parkinsonism disease model in wistar albino rats. *International Journal of Anatomy and Applied Physiology* 07 (1); 164-173.
7. Ravisankar Periyasamy, Ravishankar Panneerselvam, Prithiviraj Elumali Ravindiran Rajan (2022). Evaluation of antioxidants in discrete regions of brain after the Transplantation of Human Amniotic Epithelial Cells in 2, 4, 5-trihydroxylphenylethylamine-lesioned wistar albino rats. *International Journal of Applied and Basic Medical Research* 12(2); 103-10.
8. Ravishankar Panneerselvam, Ravisankar Periyasamy, Elavenil Panneerselvam Bharan Ravindran (2023). A Cross-Sectional survey on the awareness of ergonomics and the prevalence of musculoskeletal pain disorders among the practicing young south indian dentists. *Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery* 27(1);1471-1480.
9. Ravi Shankar Panneerselvam, Ravi Sankar Periyasamy, Lavanya Prathap, Bharan Ravindran (2023). Anomalous drainage of superficial veins of head and neck along with unilateral complete absence of External jugular and cephalic veins. *Eur. Chem. Bull.* 12 (Special Issue 7), 3036-3041
10. Ravisankar Periyasamy, E. Deepa, Sridevi G, Ponnulakshmi Rajagopal (2023). Investigating the Therapeutic Potential of Vildagliptin: Molecular docking of Diabetic Targets IL-1 $\beta$ , PI3K, and AS160. *Eur. Chem. Bull.* 12 (Special Issue 9), 2133-2138.
11. Ravisankar P, Ravishankar P, Ravindiran R, Sridevi G and Mathew J (2023). Electron Microscopic Observations of Normal and 2, 4, 5-trihydroxyl phenyl ethylamine (6-OHDA) Lesioned Corpus Striatum in wistar albino rats. *J of Anat Soc India.* 72(3), 199-204.
12. Ravisankar Periyasamy, Ravindiran Rajan. Periampullary Carcinoma-Clinical and Histopathological Observation-A case study – Under preparation.