

Faculty Profile

Name	Dr. T.K. Balaji	
Designation	Professor	
Qualification	1. Doctor of Philosophy (Ph.D.): Anatomy (Faculty of Medicine) May 2008 Annamalai University, Tamilnadu, India 2. Postgraduation (M.Sc): Human Anatomy (Faculty of medicine) Month & Year of passing : April 1998 Institution : Dr. A.L.Mudaliar Institute of Basic medical sciences, University of Madras. India. 3. Under graduation (B.Sc.): Zoology, (1992-1995). University of Madras	
Promotion details	Promoted as professor on 01/09/2012	
Resignations	1. Resigned as lecturer from Mamata Medical college, Khammam A.P. on 11/03/2000 2. Resigned as lecturer from Rajah Muthiah medical college, Annamalai university, Tamil nadu on 27/08/2008.	
Joining date	Joined as Associate professor on 01/09/2008	
Areas of Research Interest	Structural and ultrastructural changes, alteration of morphology and morphometric changes in experimental animal models in diabetes, stress and toxicological studies.	
Publications	International - 16	National - 09
Member of Academic & Administrative committees of CARE		
S.No.	Name of the Committee/Board	Role
1.	Board of studies for MD pre & paraclinical subjects	member
2.	Board of studies for MBBS pre & paraclinical subjects	member
3.	Institutional review board for extamural funding and PhD. (IRB)	member
4.	Committee for uploading thesis in INFLIBNET	member

Publications

- Balaji, T., et al. Localization of cyclooxygenase-2 in mice vas deferens and its effects on fertility upon suppression using nimesulide – A preferential cyclooxygenase-2 inhibitor. *Toxicology*, 2007; 234: 135-144.
- Balaji, T., et al., Localization of cyclooxygenase-2 in mice testis and its assessment of its possible role through suppressing its expression using nimesulide – A preferential cyclooxygenase-2 inhibitor. *Prostaglandins leukot. and Essent. Fatty acids*, 2007; 76: 341-348.
- Balaji, T., et al., Distribution of Cyclooxygenase 1 and cyclooxygenase-2 in mice seminal vesicle. *Journal of Applied biomedicine*, 2008; 6(2): 97-104.

4. Balaji, T., et al, Suppression of constitutively expressed cyclooxygenase-2 in the epididymis of mice decreases sperm motility. *J Basic Clin. Physiol. Pharmacol.*,2009; 4: 357-376.
5. D.Vinaitha, V. Subhadra Devi, D. Jagadeesh Babu, V. Usha Rani, Balaji T. Variation in formation and distribution of median nerve in arm with associated absence of musculocutaneous nerve an observation in three fetal cadavers. *Biomedicine*, 2010;30(4): 444- 447.
6. Vaithianathan G, Aruna S, Rajila RH, Balaji T. Sternalis "mystery" muscle and its clinical implications *Ital J Anat Embryol.* 2011; 116(3):139-43
7. Sharmila S, Senthil kumar A, Aruna S, Balaji T, Rajila RHS. Variable Branching Pattern of The Common Hepatic Artery And The Celiac Artery. *J. clin. Diag. Res.*2011; 5 (7) 1433- 1436.
8. Balaji, T. et al., Effect of nimesulide on cytosolic phospholipase A2 activity in male reproductive organs of mice. *Biomedicine* 2012; 32(3) 363-368.
9. Balaji T. et al. Variations in the posterior division branches of mandibular nerve in human cadavers. *Singapore Medical Journal.* 2013; 54(3) 149-151.
10. R SharmilaSaran, K SubaAnanthi, ArunaSubramaniam, Thotakura Balaji, D Vinaitha, G Vaithianathan . Foramen of Civinini: A New Anatomical Guide for Maxillofacial Surgeons. *Journal of Clinical and Diagnostic Research.* 2013 Jul; Vol-7(7): 1271-1275
11. Thotakura Balaji, Manickam S., Vaithianathan G, sharmila saran rajendran , Hannah Sugirthabai Rajila Rajendran . Nimesulide Induced Histopathological Changes in the vas deferens of Mice. *Journal of Clinical and Diagnostic Research.*, 2013; Vol-7(10): 2116-2118.
12. Venkatesh gobi Veerappan, Balaji Thotakura, Aruna S., Kannan G., Narayanan G., Balaji K. Study of Intercondylar Foramen of Humerus – Clinical And Radiological Aspect. *Journal of Nursing and Health Science* 2013; Vol 2(4): 24-27
13. Balaji K, Thotakura Balaji ,Venkateshgobi Veerappan,Aruna subramaniyam, Murugesan Karthikeyan. A Study on Cervical Symphatetic Chain and Raynauds Phenomenon. *Journal of Dental and Medical Sciences.* 2013; Vol. 7(6): 52-55.
14. Vidhya Ramakrishnan, Anil kumar Reddy Y, Aruna. S, Balaji Thotakura, Suba Ananthi. A Cadaveric Study On Anatomical Variations Of The Superficial Palmar Arch. *International Journal of Medical Research & Health Sciences.* 2014; 3 (1) 144- 148.
15. Sakthivel K M, Balaji T.K. Moni A.S, narayanan G. Study of Jugular foramen – A Case report. *IOSR journal of dental and medical sciences.* 2014; Vol 13(8).63-67.
16. Ramesh P, janani Y, Khizer Hussian Afroze M, John P. Judson, Balaji T.K, Suba Ananthi. Study on structural variations of Palmaris longus muscle. *International Journal of innovative research and development.* 2014; Vol 3(8):46-48

17. Yoganandham Janani, Hannah Sugirthabai Rajila Rajendran, Thotakura Balaji, Rajendran Sharmila Saran, Mounissamy Batmanabane. A study on the communications of median nerve with musculocutaneous and ulnar nerves. International Journal of Research in Health Sciences 2014; 2 (2)
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19. HannahSugirthabai RajilaRajendran , Vaithianathan Gnanasundaram , Thotakura Balaji , SharmilaSaran Rajendran. Flexor digiti minimi brevis – variations, development & its significance to ulnar neurovascular bundle. International Journal of Research in Health Sciences 2014;2(1): 320-325
20. Khizer hussain Afroz, Aswin prakash, Ramesh P, Vaithianthan G, Balaji T.K, John paul Judson. Variation in innervations of lumbricals of hand. International Journal of Innovative Research & Development.2014; 3(5) :243 -246
21. Manickam S, Hassan Mohammad M, Muthusamy R, Balaji TK. .Effect of Vata Gajankusha Rasa in Rat Sciatic Nerve Crush Injury. International Ayurvedic Medical Journal.2015; 3(3): 767- 772.
22. Srinivasam M, Kaviarasan K, Balaji T.K. Phytochemical identification of Gossypium Herbaceum by GC-MS analysis. International journal of universal pharmacy and Biosciences.2015; 4(1): 167 -177.
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24. HannahSugirthabai RajilaRajendran , Ashok Victor , Gnanasundaram Vaithianathan , Indumathi sundaramurthi, Thotakura Balaji , Janani Yoganandham. Morphometric and clinical analysis of moderator band in humans. International journal of anatomy and research.2015; Vol3(4):1741-44.
25. Esakkiammal N, Khizer Hussain Afroze M, Renu Chauhan, manickam Subramaniam, Balaji T.K, Azmathullah Shaik. Anatomical variants of nerve of Kuntz and its clinical and surgical implications. International journal of Anatomy and Research 2016; Vol 4(2): 2502-7