

Dr. KUMAR EBENEZAR K

Professor - Faculty of Allied Health Sciences
 Natural Medicine & Molecular Physiology Lab
 Chettinad Hospital & Research Institute - CARE
 Rajiv Gandhi Salai (OMR-Chennai)
 Kelambakkam - 603 103, Chengalpattu Dt. TN, India
 Contact no.: 90947-32000; 99419-77730
 Email: jkebi23@gmail.com; ebenezarkk@chettinadhealthcity.com

**Qualifications:**

Doctor of Philosophy (Ph.D.) - Biochemistry: 2004, University of Madras, Chennai - 600 025, TN, India.
 Master of Science - Biochemistry: 1999, Bharathiar University, Coimbatore - 641 046, TN, India.

Post-Doc / Work Experience:

- 2011 – Present: Professor/Associate Professor/Asst. Professor (SS), Faculty of Allied Health Sciences, Chettinad Hospital and Research Institute (CARE), Kelambakkam
- 2009 – 2011: Lecturer (GL), Dept. of Biotechnology, Bharathidasan University, Trichy, TN
- 2005 – 2009: Post-Doctoral Associate, Dept. of Physiology & Pharmacology, University of Calgary, Calgary, AB, Canada
- 1999 – 2000: Lecturer & Head, Dept. of Biochemistry, Matha College, Manamadurai, TN

Research Interests:

- ✚ Study of metabolic pathways of biomedical importance and their association with biochemical, genetic and molecular basis of variation in Diabetes mellitus & Cardiovascular patho-physiology
- ✚ Nitric oxide signaling, oxidative stress, lipid biology, native medicine and experimental therapeutics
- ✚ Environmental pollution with regard to vasoactive factors; & Nano-based drug delivery and Toxicology.

Extramural projects - ongoing/completed

- **Co-Principal Investigator** -- Anti-viral activity of O-sulphated low molecular weight chitosan from industrial waste of cephalopods against herpes simplex virus *in vitro* (Rs. 24,00,000/-; 2019-ongoing), Dept. of Biotechnology (DBT), Govt. of India, New Delhi.

Research Guidance:

- Guide / Supervisor -- Ph. D. Scholars (Degree awarded - 3; Ongoing - 2)
- Supervisor - PG / UG student Projects (Completed – 6; Ongoing: 2)

Summary of Research: Publications: National – 2 + 2*; International - 19

Papers	21 + 2*	h-index	9	Source: Google scholar April 2021
Citations	439	i10 index	9	
Book Chapters		3	Peer reviewed Abstract – 3 (FASEB Journal)	
Papers Under review		2	*Chettinad Health City Medical Journal	

Awards / Recognitions: National – 2; International – 8

Invited Lectures / Resource person: National/International - 10

Conference/ Workshop / Seminars Organized: National - 8

Conference / Seminars / Webinars / Workshop: Presentations - 20; Participation - 32

Membership: American Physiological Society (APS); Academy of Cardiovascular Sciences (ACS)

Assoc. Editor - Archives Medical Sciences (2010); **Editorial member:** Science Alert group of Journals

Reviewer – more than 10 international peer-reviewed journals