

Dr. SHIJU JACOB

Assistant Professor

Department of Physiology

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Academic Background

Ph. D. Biochemistry, Kerala University, Thiruvananthapuram, 2016

M.Phil. Zoology, Bharathiar University, Coimbatore, 1994

UGC-NET/JRF, Life Sciences, 1994

M.Sc. Zoology, M.G. University, Kottayam, 1992

B.Sc. Zoology, M.G. University, 1990

Academic / Teaching Experience

20 years as Assistant Professor and Head, Dept. of Physiology, St. Pius X College, Rajapuram, Kasaragod.

Academic Honors and Awards

Professional Affiliations

Life Member, The Society of Biological Chemists (India)

Member, Board of studies- Zoology (UG), Kannur University

Research and Teaching Interest

Journal Publications

1. Shiju Jacob and P. R. Sudhakaran (2003): Changes in the activity of Matrix Metallo Proteinases in regenerating rat liver after CCl₄ induced injury. J.Biochem. & Biophys. Vol.40(5),pp.324-329.
2. Murugan, K, Shiju Jacob, M. Thangam, Jeyabalan, D, Babu R and N. Sivaprakassam (1994) :Enzymatic profiles of Mulberry Silk worm *Bombyx mori* L. (Lepidoptera: Bombycidae) infected by Bacterial Disease (Flacherie) Proc. Second. Natn. Semin. Seric.pp: 244- 251.

Book Chapters and Reports

Conferences, Seminars & Talks

1.Second National seminar on Prospects & Problems on Sericulture, in India, Vellore .T.N. – 1994

2.XIII National Symposium on reproductive Biology and Comparative Endocrinology, Osmania University, Hyderabad, A.P.-1995.

- 3 National Seminar on Environment and Development, Kerala University , TVM, - 1997
- 4.National Conference on Molecular Diagnostics- 1998
- 5.Seminar on Recent Trends in Microbiology- Biospectrum- 99 Kalady-1999
6. Five Day workshop in Restructuring UG Courses, Kannur University- March. 2009
7. Workshop on Alternatives to the Use of Animals in Life Sciences, Central University of Kerala, Kasaragod-Nov .2010
- 8.Three Day College Level training Programme in general Informatics, St. Pius X College ,Kasaragod- Dec.2010
- 9.IX th International Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules,Trivandrum-Nov.2011
- 10.National Seminar on Molecular basis of Life Style Diseases, University of Kerala, TVM-March 2011
11. Two Day Workshop for College Teachers in Methodology Course (Social Science) St. Pius X College ,Kasaragod- Aug. 2011
12. Workshop cum seminar on ‘Cell Culture Techniques’, University of Kerala, TVM-March . 2012
13. International Seminar Recent Biochemical Approaches in Therapeutics – RBAT-2013, University of Kerala,TVM-Jan. 2013
14. International Seminar Recent Biochemical Approaches in Therapeutics – RBAT-2013, University of Kerala,TVM-Dec. 2015

Paper Presented

1. Enzymatic profiles of Mulberry Silk worm *Bombyx mori* L. (Lepidoptera: Bombycidae) infected by Bacterial Disease (Flacherie) Proc. Second. Natn. Semin. Seric.- 1994. (Proceeding-pp: 244-251).
2. Effect of Caffeine on the Acetyl cholinesterase activity of *Helicovera armigera* (Hubner) (Insectidae: Lepidoptera: Noctuidae) in the .XIII National Symposium on reproductive Biology and Comparative Endocrinology, Osmania University, Hyderabad, A.P.-1995.
3. Presented a poster entitled- *MMP Production by Non Parenchymal Cells of Regenerating Rat Liver* in the International Seminar on Recent Biochemical Approaches in Therapeutics organised by Dept. of Biochemistry, University of Kerala,Thiruvananthapuram .(Abstract No.P-46).
4. Presented a paper entitled- *Paracrine effect of hepatocytes on MMP production by non parenchymal cells mediated through IL 6* in the International Seminar on Recent Biochemical Approaches in Therapeutics organised by Dept. of Biochemistry, University of Kerala,Thiruvananthapuram – Dec. 2015.