***Name : Dr. Chethan Kumar M***

***Designation : Assistant Professor & Chairperson***

***Email – Id : chethankumar.m@gmail.com***

***Qualification : M.Sc. Ph.D.***

***No. of Publications : 31***

***Know More***

**Educational Qualification :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No** | **Qualification/Programme** | **Institution / University** | **Year of Passed Out /Period** |
| 1. | M.Sc | University of Mysore | 2000 |
| 2 | Ph.D. | University of Mysore | 2009 |

**Work Experience:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl.No | Institution Name / Employer Name | Designation / Department | Period |
| 1. | JSS CACS | Assistant Professor PG Department of Biochemistry | 2008 – till date |
|  |  |  |  |

**Publications :**

1. Chethan M Kumar, KS Rachappaji, CD Nandini, K Sambaiah and PV Salimath Modulatory effect of butyric acid – a product of dietary fibre fermentation in experimentally induced diabetic rats, Journal of Nutritional Biochemistry; 13: 2002, 522-527.
2. Mukunda Chethankumar, PV Salimath and K Sambaiah Butyric acid modulates activities of intestinal and renal disaccharidases in experimentally induced diabetic rats, Nahrung; 5: 2002, 345-348.
3. Mukunda Chethankumar, Leela Srinivas (2008). New biological activity against Phospholipase A2 by Turmerin, a protein from Curcuma longa L, Biological Chemistry; 389(3): 2008, 299–303.
4. Chethankumar and Srinivas: PID15, a novel 6 kDa secreted peptide, mediates Naja naja venom phospholipase A2 induced apoptosis in isolated human peripheral lymphocytes, Journal of Biomedical Science; 21:2014, 66
5. Kavitha Raj Varadaraju, Jajur Ramanna Kumar, Lingappa Mallesha, Archana Muruli, Kikkeri Narasimha Shetty Mohana, ChethanKumar Mukunda, and Umesha Sharanaiah Virtual Screening and Biological Evaluation of Piperazine Derivatives as Human Acetylcholinesterase Inhibitors, International Journal of Alzheimer's Disease; 2013: 2013, 1-13

**M.Phil / Ph.D Thesis:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No** | **Title** | **Guide Name** | **Institution** | **Month / Year** |
| 1 | Bioenhancer peptide(s): Structure function relationship and bioavailability of micronutrients | Dr. Leela Srinivas | ACRC, UoM | September, 2009 |
|  |  |  |  |  |

**Projects:**

|  |  |  |
| --- | --- | --- |
| **Sl.No** | **Name of the Project** | **Description** |
| 1 | Studies on systemic investigation of preventing agerelated macular degeneration (AMD) by lutein and Zeaxanthin from sunflower (Helianthus annuus L) | UGC-SWRO  Rs. 1.35 Lakh |
| 2 | Systemic studies on synthesis and metabolism of lutein and Zeaxanthin in relation to agerelated macular degeneration | VGST, GoK  Rs. 5.00 Lakh |
| 3 | Studies on developing novel therapy for macular fibrosis using bioconjugation of oligodeoxynucleotides | ICMR  Rs. 34.42 Lakh |
| 4 | Systemic studies on transport and localization of lutein and Zeaxanthin in relation to agerelated macular degeneration | DST  Rs. 21.5 Lakh |
| 5 | Bioenhancer peptide(s): Structure function relationship and bioavailability of micronutrients | LSRB-DRDO  Rs. 34.62 Lakh |