

BHARATHI WOMEN'S COLLEGE (A), CHENNI- 600 108
DEPARTMENT OF BIOCHEMISTRY
RESERARCH SCHOLAR DETAILS FROM THE YEAR 2015-16 on wards

Name of the Supervisor	Name of the candidate	DOJ	Topic	Date of Viva-voce
Dr.C.S.Pameswari	M.Premalatha	22.08.2008	Biochemical studies on the effect of chrysin on streptozotocin induced diabetic nephropathy rats	24.06.2016
Dr.C.S.Pameswari	J.Dayana	26.03.2012	Expanding role of <i>Plectranthus amboinicus</i> a novel model of Concanavalin A induced hepatic injury in <i>Carassius auratus</i>	21.06.2017
Dr.C.S.Pameswari	M.Arul Jothi	07.02.2014	Mechanism of antidiabetic effect of zingerone on streptozotocin induced diabetic rats	13.07.2018
Dr.A.Geetha	R.Aruna	12.11.2010	The modulating effect of <i>Emblica officinalis Gaertn</i> (Amla) and rutin on the activity of NLRP3 inflammasome in pancreas - A Biochemical study in albino wistar rats administered with alcohol and high fat diet/cerulein	27.11.2015
Dr.A.Geetha	P. Suguna	03.05.2011	Methanolic extract of <i>Nigella sativa Linn.</i> (Black cummin) and thymoquinone modulate NLRP3 inflammasome mediated pancreatic inflammation and fibrosis- A Biochemical study in albino wistar rats administered ethanol and high fat diet/cerulein	28.03.2016
Dr.A.Geetha	V.Suganya	02.01.2012	A clinical proteomic study for the screening of diagnostic markers in urine and serum of autistic children: An attempt to explain the pathophysiology of autism	27.12.2016
Dr.A.Geetha	P Monika	04.07.2012	Effect of Persea Americana Mill. Fruit extract on the expression of adiponectin, peroxisome proliferator activated receptor-gamma and the level of blood lipids in rats subjected to experimental hyperlipidemia and obesity	26.10.2017
Dr.A.Geetha	B.Thendral Hepsibha (PT)	09.06.2014	Effect of Fermented fish waste (Gunapaselam) on growth and biological nitrogen fixation with special reference to nodulating <i>nodD</i> and nitrogen fixing <i>nifD, nifK, nifH</i> genes in <i>Vigna radiata</i> - An approach towards waste management and sustainable agriculture	24.10.2018
Dr.A.Geetha	Kavitha Yuvaraj	05.06.2015	A Study on the Pathophysiology of Pancreatitis with special reference to NLRP3 Inflammasome and Heat Shock Protein 70 - Intervention by Flavonoids of <i>Morus alba L.</i> (white mulberry) root bark	04.10.2019
Dr.A.Geetha	E.P.Sabina (PT)	30.06.2015	Hepato and Nephroprotective effects of Brahmi (<i>Bacopa moneri</i>) and its active component Bacoside-A on Isoniazid and Rifampicin induced toxicity in rats	12.03.2021

Dr.A.Geetha	S.Rajapriya	12.08.2015	Modulating effect of methanolic extract of <i>Brassica oleracea L.var botrytis</i> and luteoline on the activity of NLRP3 inflammasome and the immunogenic chaperone, HSP70-A Biochemical study in male albino Wistar rats subjected to experimental pancreatitis	01.10.2020
Dr.A.Geetha	Sarmishta Srikantam	02.08.2016	A Biochemical study on the therapeutic effect of <i>Glycyrrhiza glabra L.</i> (licorice) root extract and Glycyrrhizin using rat model of pancreatitis - A special focus on ER stress and mitochondrial dysfunction in pancreas.	Thesis submitted on 12.07.2021
Dr.E.Padmini	D.Lavanya	19.01.2011	Biochemical studies on the cytoprotective role of heat shock proteins and black tea extract <i>ex-vivo</i> preeclamptic placenta	20.12.2019
Dr.E.Padmini	J.Tharani	28.04.2011	Studies on the cytoprotective role of heat shock proteins in stressed fish hepatocyte	06.04.2016
Dr.E.Padmini	N.Meenakshi (PT)	28.12.2011	Biochemical studies on the role of stress proteins in xenobiotics induced chronic oxidative stress in fish brain	02.04.2018
Dr.E.Padmini	P.Parimala	26.06.2013	Studies on stress proteins mediated reactions promoting physiological cues and signaling responses in fish adipocytes	16.09.2020
Dr.E.Padmini	S.Christina Joseph Mary	16.04.2014	Growth factor mediated changes by stress protein expression in preeclamptic placental trophoblast: Influence of Theaflavin and Catechine	30.12.2020
Dr.E.Padmini	B.Chithra (PT)	16.06.2014	Studies on the effect of <i>invitro</i> hypoxia on preeclamptic placental trophoblast and antihypertensive effect of Betle leaves	31.12.2020
Dr.E.Padmini	S.Ragini	14.10.2015	Biochemical and insilico molecular studies on the effect of squid mantle extract and tyrosol in the human placenta associated with pregnancy induced hypertension.	Thesis submitted on 12.10.2020
Dr.E.Padmini	M.Radhika	18.05.2016	Biochemical studies on Kidney stress protein marker in estuarine <i>M.cephalus</i> to persistent environmental contaminations.	Thesis submitted on 27.10.2020
Dr.K.Vijayalakshmi	D. Haripriya	21/02/2012	Cinnamaldehyde suppress adipogenesis in 3T3 adipocytes and attenuates HFD induced obesity in wistar rats.	29/06/2016
Dr.K.Vijayalakshmi	N. Priya	17/08/2012	AntiParkinson effect of Hesperidin on 6 OH dopamine induced Parkinsonism in wistar rats - an <i>invivo</i> , <i>in vitro</i> & <i>insilico</i> approach.	17/08/2016
Dr.K.Vijayalakshmi	K. Nadhiya	21/02/2012	Ethanol extract of <i>Benincasa hispida</i> fruit (Themb) inhibits lipogenesis via downregulation of AMPK & PPAR in 3T3 cells and suppress fat accumulation in HFD fed wistar albino rats	28/09/2016

Dr.K.Vijayalakshmi	A Khaidra	09/04/2012	Neuroprotective effect of sesamol in association with Folic acid on 6 – hydroxy dopamine induced parkinsonian models – an <i>invitro</i> and <i>invivo</i>	07/09/2016
Dr.K.Vijayalakshmi	K. Srimathi Priyanga	14/07/2015	Anti-Parkinson effect of Quercetin and Hesperidin in combination on rotenone induced animal model - An <i>invitro</i> and <i>insilico</i> approach.	19/02/2020
Dr.K.Vijayalakshmi	D. Rohini	22/04/2015	Anti-neuroinflammatory potential of sesamol on Rotenone-induced parkinsonian models.	21/08/2020
Dr.K.Vijayalakshmi	T. Lalitha Sree (PT)	15/12/2014	Ethanollic leaf extract of <i>Alternanthera sessilis</i> prevents obesity in HFD fed <i>wistar</i> rats by downregulation of adipogenic and lipogenic genes.	10/03/2021
Dr.K.Vijayalakshmi	P. Sreedevi	04/2016	Anti-adipogenic and anti- inflammatory activity of ethanollic leaf extract of <i>Punica granatum L.</i> in combination with Gallic acid on HFD fed <i>wistar albino</i> rats	14.07.2021
Dr.K.Vijayalakshmi	I Archana	04/2016	Phloroglucinol modulates the expression of heat shock protein and Epigenetic markers in Rotenone induced cell line and animal model of PD	Thesis submitted on 29.11.2020
Dr.K.Vijayalakshmi	R. Roghini	09/2016	Ethanollic extract of <i>Citrus paradisi</i> suppress lipogenesis in HFD fed <i>wistar albino</i> rats – an <i>invivo</i> and <i>invitro</i> studies	Thesis submitted on 29.01.2021