

PUBLICATIONS OF THE FACULTY

Dr.A.SaiPadma

1. **Sai Padma Aluri.**, ManatRenil., RaghavavarmanThampan (2000) Protein - Protein interactions that precede the nuclear entry of goat uterine estrogen receptor under cell-free conditions., *Journal of Cellular Biochemistry* 78(4):650-65.
2. **Sai Padma Aluri**, RaghavavarmanThampan (2000) Interdependence between a 55 kDa Protein (p55) and a 12 kDa Protein (p12) in Facilitating the Nuclear Entry of Goat Uterine Estrogen Receptor under Cell-Free Conditions., *Biological Chemistry* 381(4):285-94.
3. **A.Sai Padma**, S.Agarwal, D.Bharat Reddy, T.Sandeep Prasad and P.Reddanna.(2007) Metabolism of arachidonic acid in sheep Uterus: *In vitro* studies: *Ind.J.Biochem.Biophys*, Vol 44, 216-222.
4. **A Sai Padma**, T Sandeep Prasad, D Rajani& S Vanitha. Effect of estradiol -17 β on arachidonic acid metabolism in sheep uterus: *in vitro* studies.(2015)*IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB)ISSN: 2455-264X, Volume 1, Issue 5, PP 34-40*
5. Trupthi Deshpande, **A. Sai Padma**, M.K. Sukumaran and D. Rajani.(2015) Enzymatic Activity Levels of Lipoxygenase (Lox) in Germinating Green Gram Seeds (*Vigna radiate*)., *Int.J.Curr.Microbiol.App.Sci*4(8): 621-628
6. PremKumar.V, SindhusreeV, Rajani, D,**Sai Padma A**, Sukumaran M.K(2015) Determination of haptoglobin Phenotype in cardiac and diabetic patients. *Indian Journal of Biotechnology and Biochemistry*, Vol 2 Number 1, 39-46
7. B. Dinesh, Beerbin Yadav, R. Deepak Reddy, **A. Sai Padma** and MK. Sukumaran(2015)., Determination of Ascorbic Acid Content in Some Indian Spices *International Journal of Current Microbiology and Applied Sciences*.,ISSN: 2319-7706 Volume 4 Number 8 pp. 864-868.
8. Sukumaran M.K, **Sai Padma A**, Rajani, D, Vanitha,S and Padma S.(2016) Frequency of ABO and Rh Blood groups among High School Children of Alwal, Secunderabad, Telangana, India, *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)Vol 15 Issue 1 Ver II P47-49*
9. Sukumaran M.K, **Sai Padma A**,Rajani, D, Vanitha,S and Padma S.(2015) Frequency of ABO and Rh Blood groups among students of Bhavan's Vivekananda College, Secunderabad, Telangana, India, *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)Vol 14 Issue 12 Ver X P59-62*
10. **A.Sai Padma**,M.K.Sukumaran, S.Padma, D.Rajani, S.Vanitha (2016)Evaluation of Nutritional Status of College Girl Students in terms of Haemoglobin levels and BMI., *Journal of Medical Science and Clinical Research ISSN (e) -2347-176x ISSN (p)2455-0450.*, volume 04 Issue 09., 12822-12827.
11. Padma.S, **SaiPadma A** and Rajani D (2017) Natural antioxidants present in capsicum annum extracts modulate calcineurin activity under conditions of oxidative stress. *Imperial Journal of Inter disciplinary Research Vol3 Issu-1.*, ISSN:2454-1362., 1819-1822.

12. D. Rajani, **A. Sai Padma**, M. Usha (2017) E-Health and its implications. *International Journal of Advance Research in Science and Engineering*. Vol.No.6, special issue (01), September 2017 BVCNCS 2017
13. **A.Sai Padma**, D.Rajani, M.Usha. (2018) Implementation Options of Research-Oriented Teaching: *New Man International Journal of Multidisciplinary studies*, Vol.No.5, Special Issue 5, April, 2018 Pg.No:172-176.ISSN No.2348-1390
14. A. Mounika, A. Sai Padma (2019) Extraction, Separation and Determination of Carotenoid content in Vegetables and Fruits. *International Journal of Scientific Research in Biological Sciences* Vol.6, Special Issue.1, pp.93-95
15. B. NandiniBala, A. Sai Padma (2019) Isolation of Papain from leaf & latex of Papaya (*Carica Papaya*) and study of various factors affecting enzyme. *International Journal of Scientific Research in Biological Sciences* Vol.6, Special Issue.1, pp.89-92.

II. Dr.S.Padma

- 1.**S.Padma** and C.Subramanyam(1999) Extracellular calcineurin: Identification and quantitation in serum and amniotic fluid. *ClinicalBiochemistry*,Vol 32
- 2.**S.Padma** and C.Subramanyam (2002) Clinical significance of serum calcineurin in acute leukemia. *ClinicaChimicaActa*, Vol 321 P17-21
- 3.Sowjanya AP, Jain M, Poli UR, **Padma S**, Das M, Shah KV, Rao BN, Devi RR, GravittPE, Ramakrishna G. (2005) Prevalence and distribution of high risk human papilloma virus (HPV) types in invasive squamous cell carcinoma of cervix and in normal women in Andhra Pradesh, India, *BMC Infect Dis*. Dec 22;5:116.
- 4.S.Padma, A.PavaniSowjanya, UshaRani.P, Meenakshi Jain, B.N.Rao and Gayatri Ramakrishna (2005) Downregulation of calcineurin activity in cervical carcinoma. *Cancer cell Intl*. Vol 5: p1-8
- 5.Khan N, Rahim SS, Boddupalli CS, Ghousunnissa S, **Padma S**, Pathak N, Thiagarajan D, Hasnain SE, Mukhopadhyay S. (2006) Hydrogen peroxide inhibits IL-12 p40 induction in macrophages by inhibiting c-rel translocation to the nucleus through activation of calmodulin protein.[Blood](#). Feb 15; 107(4):1513-20
6. Sukumaran M.K, Sai Padma A, Rajani, D, Vanitha,S and **Padma S**.(2015) Frequency of ABO and Rh Blood groups among students of Bhavan's Vivekananda Colleg, Secunderabad, Telangana, India, *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*Vol 14 Issue 12 Ver X P59-62
- 7.R.Anup, P.T.Sainath, Padma, S and Sukumaran, M.K (2015) *In vitro* cytotoxic activity of methanolic extract of Parthenium Hysterophorus flowers on MCF-7 and HeLa cell lines *International Journal of Current Microbiology and Applied Sciences*.4(8) 710-715
- 8.Sukumaran M.K, Sai Padma A,Rajani, D, Vanitha,S and **Padma S**.(2016) Frequency of ABO and Rh Blood groups among High School Children of Alwal, Secunderabad, Telangana, India, *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*Vol 15 Issue 1 Ver II P47-49
- 9.Sai Padma, M.K.Sukumaran, S.Padma, D.Rajani, S.Vanitha (2016) Evaluation of Nutritional Status of College Girl Students in terms of Haemoglobin levels and BMI., *Journal of Medical Science and Clinical Research* ISSN (e) -2347-176x ISSN (p)2455-0450., volume 04 Issue 09., 12822-12827
- 10.Padma.S, **SaiPadma A** and Rajani D (2017) Natural antioxidants present in capsicum annum extracts modulate calcineurin activity under conditions of oxidative stress. *Imperial Journal of Inter disciplinary Research* Vol3 ISSUE 1p1819-1822.
- 11.Nikita Sharma, M.Sravani, S.Padma(2019)A Study on Cabbage (*Brassica oleracea*) Peroxidase Activity using three medicinal plant leaf extracts *International Journal of Scientific Research in Paper . Biological Sciences* Vol.6, Special Issue.1, pp.86-88,

III Mrs. D. Rajani

1. A. Sai Padma, A, Sukumaran M.K, Padma S., Rajani, D, Vanitha, S (2016) Evaluation of Nutritional Status of College Girl Students in Terms of Hemoglobin Levels and BMI. *Journal of Medical Science and Clinical Research* Vol 4 Issue 9 12822-12824
2. Sukumaran M.K, Sai Padma A, Rajani D, Vanitha S and Padma S. (2016) Frequency of ABO and Rh Blood groups among High School Children of Alwal, Secunderabad, Telangana, India, *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* Vol 15 Issue 1 Ver II P47-49
3. Sukumaran M.K, Sai Padma A, Rajani, D, Vanitha, S and Padma S. (2015) Distribution of ABO and Rh blood groups among students of Bhavan's Vivekananda College, Secunderabad, Telangana, India. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* Vol 14 Issue 12 Ver X P59-62
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6. ShaikArshad,P.S.S.Ashwin Kumar, D. Rajani and M.K.Sukumaran(2015) A study on Fluoride levels in borewell water of Nalgonda District, Telangana, India. *International Journal of Current Microbiology and applied Sciences*. ISSN: 2319-7706 volume 4 number 8 (2015) pp.323-328
7. Padma.S, **SaiPadma A** and Rajani D (2017) Natural antioxidants present in capsicum annum extracts modulate calcineurin activity under conditions of oxidative stress. *Imperial Journal of Inter disciplinary Research* Vol3 ISSUE 1 p1819-1822
8. D. Rajani, Dr. A. Sai Padma, M. Usha (2017) E-Health and its implications. *International Journal of Advance Research in Science and Engineering*. Vol.No.6, special issue (01), September 2017 BVCNCS 2017
9. J. GunaPriya, K. Geetha Lakshmi, Niharika Sharma, D.Rajani (2019) A Comparative Study of Antioxidants and Antimicrobial activity in Vegetables, Leafy Vegetables and Spices. *International Journal of Scientific Research in Biological Sciences* Vol.6, Special Issue.1, pp.80-85

IV Mrs. S.Vanitha

1. Sukumaran M.K, Sai Padma A, Rajani, D, Vanitha,S and Padma S.(2015) Distribution of ABO and Rh blood groups among students of Bhavan's Vivekananda College, Secunderabad, Telangana, India. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) Vol 14 Issue 12 Ver X P59-62
2. A Sai Padma, T Sandeep Prasad, D Rajani& S Vanitha. Effect of estradiol -17 β on arachidonic acid metabolism in sheep uterus: *in vitro* studies (2015)*IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB) ISSN: 2455-264X, Volume 1, Issue 5, PP 34-40*
3. Sukumaran M.K, Sai Padma A, Rajani D, VanithaS and Padma S. (2016) Frequency of ABO and Rh Blood groups among High School Children of Alwal, Secunderabad, Telangana, India, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) Vol 15 Issue 1 Ver II P47-49
4. A. Sai Padma, A, Sukumaran M.K, Padma S., Rajani, D, Vanitha, S (2016) Evaluation of Nutritional Status of College Girl Students in Terms of Hemoglobin Levels and BMI. Journal of Medical Science and Clinical ResearchVol 4 Issue 9 12822-12824.
5. S. Vanitha, L. Vignesh, V. Sreeker (2017) A study on the effects of cleaning agents (house hold) on seed germination. *International Journal of Advance Research in Science and Engineering. Vol.No.6, special issue (01), September 2017 BVCNCS 2017*
6. Sai Tharun Kumar Guttikonda, S. Vanitha and K. Anuradha (2017) Screening of inulinase producing bacteria from diverse sources. *Bioscience Discovery,8(4): 695-701, October-2017*
7. S. Vanitha (2018)- Challenges as per ICT based NAAC framework- Environmental Consciousness and Sustainability (Green Practices) New Man International *Journal of Multidisciplinary studies. ISSN 2348-1390, vol 5 pg No. 57-62*
8. Jagruthi G, Vanitha S (2019)Antioxidant, Antimicrobial activity (using Silver Nanoparticles) and Effect of Temperature on Polyphenol content in Spinach (*Spinaciaoleracea*), Coriander (*Coriandrumsativum*) and Mint (*Menthaviridis*) extracts.
9. OmkarPallerla, Vanitha.S (2019) Isolation and Determination of Lipase activity in germinating *Arachishypogaea* by Entrapment method. International Journal of Scientific Research inBiological Sciences. Vol.6, Special Issue.1, pp.142147.
10. Priyanka, Vanitha S (2019) Determination and Comparison of Chemical Properties of Fatty Acids extracted from Processed Foods. International Journal of Scientific Research inBiological Sciences. Vol.6, Special Issue.1, pp.133141,

Research projects funded by Government of India:

S.No.	Name of the Faculty	Title of the project	Funding agency	Cost (Rs)	Status
1.	Dr.A.Sai Padma	Metabolism of arachidonic acid in the sheep uterus: Effect of Estradiol-17 β .	DST	11,45,419/-	Completed
2.	Dr.A.Sai Padma	Identification and possible role of 5, 6-leukotrienes in sheep uterus	UGC, New Delhi	14,36,762/-	Completed
3.	Dr.S.Padma	Study on the effects of natural antioxidants on calcineurin activity	UGC, New Delhi	14,36,762/-	Completed
4.	Mrs.D.Rajani	Correlation of the antioxidant activity with calcineurin activity in health and disease	UGC-SERO	3,35,000/-	Completed

Total Amount: Rs 4,353,943/-