

CURRICULAM VITAE



Sl. No.	Particulars	Details																
1.	Name	Somnath Mandal																
2.	Designation	Assistant Professor																
3.	Department	Department of Biochemistry																
4.	Educational Qualifications	Ph.D. in Biochemistry																
5.	Contact Details	(a) Email id: smandal8183@gmail.com (b) Phone/Mobile :9679353881																
6.	Post held since (year):	4 th June, 2014																
7.	Area of Specialization :	Nutritional Biochemistry On-Going project : 2																
8.	No. of Publications:	9 , Gene sequences (1)																
9.	Research Papers:	Book Chapters: 3 Books: 0																
10.	Awards /Honors:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sl. No</th> <th style="text-align: center;">Name of Award</th> <th style="text-align: center;">Awarding Agency</th> <th style="text-align: center;">Year</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">a</td> <td>DBT Research Associateship</td> <td style="text-align: center;">DBT</td> <td style="text-align: center;">2013</td> </tr> <tr> <td style="text-align: center;">b</td> <td>National eligibility test with Junior Research Fellowship (JRF)</td> <td style="text-align: center;">CSIR</td> <td style="text-align: center;">2010</td> </tr> <tr> <td style="text-align: center;">c</td> <td>Junior Research Fellowship (JRF)</td> <td style="text-align: center;">ICAR</td> <td style="text-align: center;">2007</td> </tr> </tbody> </table>	Sl. No	Name of Award	Awarding Agency	Year	a	DBT Research Associateship	DBT	2013	b	National eligibility test with Junior Research Fellowship (JRF)	CSIR	2010	c	Junior Research Fellowship (JRF)	ICAR	2007
Sl. No	Name of Award	Awarding Agency	Year															
a	DBT Research Associateship	DBT	2013															
b	National eligibility test with Junior Research Fellowship (JRF)	CSIR	2010															
c	Junior Research Fellowship (JRF)	ICAR	2007															

1. Publications(Best Five):

- I. **Mandal S**, Dahuja A, Kar A and Santha I.M. (2014) In vitro kinetics of soybean lipoxygenase with combinatorial fatty substrates and its functional significance in off flavour development. Food Chemistry 146, 394-403. DOI.org/10.1016/j.foodchem. 2013.08.100.

- II. Vasudevarao M.D., Mizar P, Kumari S, **Mandal S**, Siddhanta S, Swamy M.M., Kaypee S, Ravindra K.C, Banerjee A, Narayana C, Dasgupta D, and Kundu T.K. (2014) Naphthoquinones Mediated Inhibition of Lysine Acetyltransferase KAT3B/p300, Basis for Non-toxic Inhibitor Synthesis. *Journal of Biological Chemistry* 289, 7702-7717 DOI:10.1074/jbc.M113.486522.
- III. Li F, Shanmugam M K., Siveen K S , Wang F, Ong T H, Loo S Y, Swamy MM, **Mandal S** et al. (2015) Garcinol sensitizes human head and neck carcinoma to cisplatin in a xenograft mouse model despite downregulation of proliferative biomarkers *Oncotarget* 6(7):5147-63.
- IV. **Mandal S**, Sahana N, Rajarani A.P. and Santha I.M. (2013). Molecular cloning, characterisation and expression of lipoxygenase 2 (lox 2) isozyme from Indian soybean [*Glycine max* (L.) merril] cv. Pusa 16. *Indian Journal of Biochemistry and Biophysics*, 50, 54-63.
- V. **Mandal S**, Dahuja A, and Santha I. M. (2014) Lipoxygenase activity in soybean is modulated by enzyme-substrate ratio *Journal of Plant Biochemistry and Biotechnology* 23(2), 217-220. DOI 10.1007/s13562-013-0203-0.