

## 2016-2017

Sr.	Author (s)	Complete Title of the Article	Title of the Journal	Volume and Issue number	Page numbers	Month	Year
1.	Kemse NG, Kale AA and Joshi SR	Maternal supplementation of omega-3 fatty acids and micronutrients reduces cardiometabolic variables in pregnancy induced hypertension rats.	Life Sciences	155	85-93	June	2016
2.	Khaire A, Rathod R, Kale A, Joshi S.	Vitamin B12 Deficiency Across Three Generations Adversely Influences Long-chain Polyunsaturated Fatty Acid Status and Cardiometabolic Markers in Rats	Archives of Medical Research	47(6)	427-435	August	2016
3.	Rathod RS, Khaire AA, Kale AA, Joshi SR.	Effect of vitamin B <sub>12</sub> and omega-3 fatty acid supplementation on brain neurotrophins and cognition in rats: A multigeneration study	Biochimie	128-129	201-208	September	2016
4.	Rani A, Wadhvani N, Joshi S, Chavan P.	Altered development and function of the placental regions in preeclampsia and its association with long chain polyunsaturated fatty acids.	Developmental Biology	5(5)	582-597	September	2016
5.	Khaire AA, Rathod RS, Kale AA and Joshi SR.	A combined supplementation of vitamin B12 and omega-3 fatty acids across two generations improve cardiometabolic variables in rats.	Food & Function	7(9)	3910-3919	September	2016
6.	Khot VV, Chavan-Gautam P, Mehendale S, Joshi SR.	Variable Methylation Potential in Preterm Placenta: Implication for Epigenetic Programming of the Offspring.	Reproductive sciences	In press	In press	September	2016
7.	Jawale S, Pulwale A, Joshi S, Kale A.	Maternal high fat diet deficient in vitamin B <sub>12</sub> influences long chain polyunsaturated fatty acid	J Matern Fetal Neonatal Med.	In press	1-9	November	2016

		composition in rats.					
8.	Rathod RS, Khaire AA, Kale AA, Joshi SR.	A combined supplementation of vitamin B <sub>12</sub> and n-3 polyunsaturated fatty acids across two generations improves nerve growth factor and vascular endothelial growth factor levels in the rat hippocampus	Neuroscience	339	376-384	December	2016
9.	Dangat K, Upadhyay D, Kilari A, Sharma U, Kemse N, Mehendale S, Lalwani S, Wagh G, Joshi S, Jagannathan NR.	Altered breast milk components in preeclampsia; An in-vitro proton NMR spectroscopy study	International Journal of Clinical Chemistry and Diagnostic Laboratory Medicine	463	75-83	December	2016
10.	Mary S, Kulkarni MJ, Malakar D, Joshi SR, Mehendale SS, Giri AP	Placental Proteomics Provides Insights into Pathophysiology of Pre-Eclampsia and Predicts Possible Markers in Plasma.	Journal of Proteome Research	16(2)	1050-1060	February	2017
11.	Nandi AA, Wadhvani NS	Altered Metabolic Homeostasis between Vitamin D and Long Chain Polyunsaturated Fatty Acids in Preeclampsia	Medical Hypotheses	100	31-36	March	2017
12.	Sundrani D, Roy S, Jadhav A, Joshi S	Sex-Specific Differences and Developmental Programming for Diseases in Later Life	Reproduction, Fertility and Development	In press	In press	March	2017
13.	Harke S, Khadke S, Ghadge A, Manglekar A, Shah S, Diwan A, Kuvalekar A	Adipocytokines and anthropometric measures in type 2 diabetics	Diabetes and Metabolic Syndrome: Clinical Research and Reviews	DOI: 10.1016/j.dsx.2016.12.043			2017
14.	Mandave P, Khadke S, Karandikar M, Pandit V,	Antidiabetic, Lipid Normalizing and Nephroprotective Actions of Strawberry: A Potent Supplementary Fruit	International Journal of Molecular Sciences	DOI: 10.3390/ijms18010124			2017

	Ranjekar P, Kuvalekar A, Mantri N						
15.	Diwan AG, Kuvalekar AA, Dharamsi AR, Ghadge AA, Nikam VA, Vora AM	Correlation of serum adiponectin and leptin levels in obesity and type 2 diabetes mellitus	Indian Journal of Endocrinology and Metabolism	Accepted			2017
16.	Chavan TC, Ghadge AA, Karandikar MN, Pandit VA, Ranjekar PK, Kulkarni OP, Kuvalekar AA, Mantri NL	Hepatoprotective activity of Stawa, an ayurvedic formulation, from three species of Tinospora against alcohol induced liver injury in rats	Alternative Therapies in Health and Medicine	In press			2017
17.	A Ghadge and A Kuvalekar	Controversy of Oral Hypoglycemic Agents in Type 2 Diabetes Mellitus: Novel Move towards Combination Therapies	Diabetes and Metabolic Syndrome: Clinical Research & Reviews	S1871- 4021(16 )30143- 6. Doi:10. 1016/j.d sx.2016. 08.009			2017
18.	Patil M, Choudhari A, Pandita S, Islam MA, Raina P, Kaul- Ghanekar R	Cinnamaldehyde, cinnamic acid and cinnamyl alcohol, the bioactives of Cinnamon cassia exhibit HDAC8 inhibitory activity-an in vitro and in silico study.	Pharmacognosy Magazine	accepted			2016
19.	Suryavanshi S, Raina P, Deshpande R, Kaul- Ghanekar R	Nardostachys jatamansi root extract modulates the growth of IMR-32 and SK-N-MC neuroblastoma cell lines through MYCN mediated regulation of MDM2 and p53	Pharmacognosy Magazine	In press			2016
20.	Mali AV, Bhise SS, Katyare SS, Hegde MV	Altered Kinetics Properties of Erythrocyte Lactate Dehydrogenase in Type II Diabetic Patients and Its Implications for	Ind J Clin Biochem	doi:10.1 007/s12 291- 017- 0637-6.			2017

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