

**Research Publication data of Symbiosis School of Biomedical Sciences  
as on 31<sup>st</sup> Dec. 2016**

**Journal Papers Published**

1.	Singh Shweta, Moirangthem Ranjita Devi, <b>Vaidya Anuradha</b> , Jalnapurkar Sapana, Limaye Lalita, Kale Vaijayanti (09/2016) AKT signaling prevailing in mesenchymal stromal cells modulates the functionality of hematopoietic stem cells via intercellular communication. <i>Stem Cells</i> , 34(9) : 2354-2367 (Scopus, Science Citation Index (SCI), Social Science Citation Index (SSCI), Thomson Reuters; ISSN: 1549-4918).
2.	<b>Kulkarni RS</b> , Wadaskar A, 2016, Essential oils affect the growth and fatty acid composition of <i>Lactobacillus acidophilus</i> . <i>International Journal of Pharma and Bio sciences</i> , 7, B928 - B934.
3.	Bilen Lemma Regassa and <b>Anuradha Vaidya</b> . Curcumin and extracellular matrix (ECM) proteins synergistically act to inhibit the proliferation of breast cancer cells. <i>Breast Cancer Management</i> (in press), 2017.
4.	Jain Aarti, Modak Dhanashri, <b>Gokhale Devaki</b> (07/2016) Nutrition Label Knowledge, Significance and its use among University Students. <i>International Journal of Food and Nutritional Sciences</i> , 5(3): 144-153 (ISSN: 2320-7876).
5.	<b>Anuradha Vaidya</b> (07/2016) The Quintessential Quiescence of Cancer Stem Cells: A struggle towards better treatment. <i>Journal of Cancer Metastasis and Treatment</i> , 2: 243-4 (Ebsco; ISSN: Print ISSN:2394-4722; On).
6.	<b>Anuradha Vaidya</b> , Anagha Gardane, Mariyah Poonawala (07/2016) Curcumin sensitizes quiescent leukemic cells to anti-mitotic drug 5-fluorouracil by inducing proliferative responses in them. <i>Journal of Cancer Metastasis and Treatment</i> , 2: 245-52 (Ebsco; ISSN: Print ISSN:2394-4722; On).
7.	Dashrath Shinde, <b>Santosh Koratkar</b> , <b>Neeti Sharma</b> , Ajinkya Shitole (06/2016) Antioxidant Activity and Antiproliferative Action of Methanolic Extract of Liquorice (Glycyrrhizaglabra) in HEPG2 Cell Line. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 8(9) (Scopus; ISSN: ISSN: 0975-1491).
8.	<b>Joshi Reddy Kejal</b> , Sirimavo Nair (03/2016) Double fortified salt: an effective measure to control micronutrient deficiencies in Indian pregnant women. <i>International Journal of Community Medicine and Public Health</i> , 3(3) : 679-686 (Google Scholar, Index Copernicus, Research Bible, Cross Ref; ISSN: 2394-6040).
9.	<b>Kulkarni Ram</b> (03/2016) Metabolic Engineering: Biological Art of Producing Useful Chemicals. <i>Resonance</i> , 21(3) : 233-237 (Scopus; ISSN: 0971-8044).
10.	<b>Sharma Neeti</b> , <b>Khandwekar Anand</b> , Baruah Meghna (08/2016) Quercetin modulates Wnt signaling components in prostate cancer cell line by inhibiting cell viability, migration, and metastases. <i>Tumor Biology</i> , 1: 1-10 (Scopus, Thomson Reuters; ISSN: 1423-0380).
11.	<b>Sharma Neeti</b> , Singh Anshika (06/2016) Emerging Trends in Epidemiology of Prostate Cancer in Indian Population. <i>International Journal of Current Research</i> , 6(8) : 32959-32962 (WorldCat, Google Scholar, Global Impact Factor, Index Copernicus, PubMed, Ulrich's Web; ISSN: 0975-833X).
12.	<b>Sharma Neeti</b> , Singh Anshika (07/2016) Exploring Biomarkers for Alzheimer's Disease. <i>Journal of Clinical and Diagnostic Research</i> , 10(7) : 1-6 (Scopus, DOAJ, Open J-Gate; ISSN: 0973-709X).
13.	Baruah Meghna, <b>Sharma Neeti</b> , <b>Khandwekar Anand</b> (06/2016) Flavonoids and Prostate Cancer. <i>American International Journal of Research in Formal, Applied and Natural Sciences</i> , 15(1) : 1-7 (Ebsco, WorldCat, Google Scholar, Scirus, GetCITED, ResearchGate, Scribd; ISSN: 2328-3777).
14.	Dhas Yogita, <b>Mishra Neetu</b> , Banerjee Joyita (04/2016) Vitamin D Deficiency and Oxidative Stress in Type 2 Diabetic Population of India. <i>Cardiovascular &amp; Hematological Agents in Medicinal Chemistry</i> , 14(3) (Scopus, PubMed; ISSN: 1875-6182).
15.	Khanna Shradha, Dharap Anuja, <b>Gokhale Devaki</b> (06/2016) Breakfast eating habits and its association with mental wellbeing and mindful attention awareness among university students of Pune district, Maharashtra, India. <i>International Journal of Community Medicine and Public Health</i> , 3(6) : 1584-1588 (Google Scholar, Index Copernicus, Research Bible, Cross Ref; ISSN: 2394-6040).

16.	Patel Dhairya, <b>Sharma Neeti</b> (10/2016) Inhibitory effect of quercetin on epithelial to mesenchymal transition in SK-MEL-28 human melanoma cells defined by in vitro analysis on 3D collagen gels. <i>OncoTargets and Therapy</i> , 9: 6445-6459 (Scopus, PubMed, Science Citation Index (SCI), Thomson Reuters; ISSN: 1178-6930).
17.	Saka Sanskruti, Singh Anshika, <b>Sharma Neeti</b> (07/2016) Potential Anti-Cancer superfoods: A Minireview. <i>International Journal of Current Pharmaceutical Research</i> , 8(3) (Google Scholar, DOAJ, Index Copernicus, Open J-Gate; ISSN: 0975-7066).
18.	Sheikh Fatima, Manerkar Komal, <b>Gokhale Devaki</b> (07/2016) The Effect of Psychosocial Factors on Eating Behaviors among University Students. <i>Indian Journal of Youth and Adolescent Health</i> , 3(2) : 5-11 (Google Scholar, Research Bible; ISSN: 2349-2880).
19.	<b>Gokhale Devaki</b> (10/2015) Factors Influencing Age at Menarche : An Indian Scenario. <i>Indian Journal of Youth and Adolescent Health</i> , 2(3) : 38-42 (Google Scholar, Open J-Gate; ISSN: 2349-2880).
20.	<b>Mishra Neetu</b> , Banerjee Joyita, DhasYogita (09/2015) Metagenomics: A new horizon in cancer research. <i>Meta Gene</i> , 5: 84-89 (Scopus; ISSN: 2214-5400).
21.	<b>Pareek Priyanka</b> , Ayesha Syeda (01/2015) Physical and academic performance of vegetarian and non-vegetarian school girls. <i>Advanced Studies in Biology</i> , 7(2) : 79-88 (Google Scholar, ResearchGate, CrossRef; ISSN: 1314-7668).
22.	<b>Priyanka Pareek</b> , Hafiz Asfia (03/2015) A Study on Anemia Related Knowledge Among Adolescent Girls. <i>International Journal of Nutrition and Food Sciences</i> , 4(3) : 273-276 (WorldCat, AcademicKeys, CrossRef; ISSN: 2327-2716).
23.	<b>Sharma Neeti</b> (12/2015) Editorial: Epithelial - to - Mesenchymal Transition in Cancer. <i>Journal of Analytical Oncology</i> , 4(4) : 145 (Scopus; ISSN: 1927-7210).
24.	<b>Vaidya A</b> (02/2015) Understanding Infertility and the Potential Role of Stem Cells in Infertility Treatment: A Short Communication. <i>International Journal of Reproduction, Fertility &amp; Sexual Health</i> , 2(1) : 37-40 (Google Scholar, DOAJ, Index Copernicus, Mendeley).
25.	<b>Vaidya Anuradha</b> , Kale Vijayanti (01/2015) TGF- $\beta$ signaling and its role in the regulation of hematopoietic stem cells. <i>Systems and Synthetic Biology</i> , 8(4) (Scopus; ISSN: 1872-5325).
26.	<b>Vaidya Anuradha</b> , Kale Vijayanti (05/2015) Hematopoietic Stem Cells, Their Niche and the Concept of Co-Culture Systems: A Critical Review. <i>Journal of Stem Cells</i> , 10(4) : 13-31 (Scopus; ISSN: 1556-8539).
27.	Agawane Sachin, Tiwari Vishakha, Chavan Suraj, <b>Koratkar Santosh</b> (11/2015) In-vitro and In-vivo Inhibition of Postprandial Hyperglycemia (Type II Diabetes) by Use of Adhatodavasica in Wistar Rats. <i>International Journal of Pharmacy and Pharmaceutical Research</i> , 4(4) : 37-52 (WorldCat, Google Scholar, Open J-Gate; ISSN: 2349-7203).
28.	MurarMadhura, <b>Vaidya Anuradha</b> (12/2015) Cancer stem cell markers: premises and prospects. <i>Biomarkers in Medicine</i> , 9(12) : 1331-1342 (Scopus, Science Citation Index (SCI); ISSN: 1752-0363).
29.	Singh Anshika, <b>Khandwekar Anand</b> , <b>Sharma Neeti</b> (12/2015) Cancer Stem-Cell Related miRNAs: Novel Potential Targets for Metastatic Prostate Cancer. <i>Journal of Analytical Oncology</i> , 4(4) : 146-156 (Scopus; ISSN: 1927-7210).
30.	Singh Mamta, <b>Vaidya Anuradha</b> (08/2015) Translational Synthetic Biology. <i>Systems and Synthetic Biology</i> , : 1-5 (Scopus, Academic OneFile (Gale), Expanded Academic ASAP (Gale), Inspec, PubMed; ISSN: 1872-5325).
31.	Srividya Ravi, <b>Vaidya Anuradha</b> (06/2015) In Search of a Simple Test to Determine Non-obviousness of Inventions: A Short Communication. <i>American International Journal of Research in Science, Technology, Engineering &amp; Mathematics</i> , : 184-189 (Ebsco, ProQuest, Cabell's directory, WorldCat, Google Scholar, Scirus, DOAJ, Index Copernicus, Thomson Reuters; ISSN: 2328-3580).
32.	<b>Hedaoo Radhika</b> (12/2014) Nutrition education and Child health care : A Cognitive approach using multimedia technology. <i>Advanced Studies in Biology</i> , 7(1) : 39-48 (Ebsco; ISSN: 1313-9495).
33.	<b>Joshi Reddy Kejal</b> , Sirimavo Nair (12/2014) Double Fortified Salt and Deworming- Game changes in the battle against iodine and iron malnutrition in Indian school children. <i>Indian Journal of Community Health</i> , 26(2) : 175-182 (Ebsco; ISSN: 0971-7587).
34.	<b>Mishra Neetu</b> (05/2014) The Role of Physical Exercise and Diet Modification on Lipid Profile and Lipid Peroxidation in Long Term Glycemic Control Type 2 Diabetics. <i>General Medicine: Open Access</i> , 2(3) : 1-3 (Google Scholar; ISSN: 2327-5146).
35.	<b>Sharma Neeti</b> (10/2014) Free radicals, antioxidants and disease. <i>Biology and Medicine</i> , 6(3) : 1-6

	(Scopus; ISSN: 0974-8369).
36.	<b>Sharma Neeti</b> , ShitoleAjinkya, WadaskarAshwin (08/2014) Polyphenol Composition and in Vitro Antioxidant Activity of PrunusAmygdalus as Affected by Sprouting. <i>Asian Journal of Agriculture and Food Science</i> , 2(4) : 349-353 ( ISSN: 2321-1571).
37.	<b>Sharma Neeti</b> , ShitoleAjinkya, WadaskarAshwin (08/2014) Onion and ginger sprouting is associated with increased antioxidant activity. <i>International Journal of Biological and Medical Research (IJBMR)</i> , 5(4) : 4586-4589 (ProQuest,GoogleScholar,Scirus,CiteSeer,DOAJ,IndexCopernicus,Open J-Gate,ResearchGate; ISSN: 0976-6685).
38.	<b>Singhania Smita</b> , Agarwal Vidhita (04/2014) The Ripples Around Development of Biosimilars. <i>International Journal of Pharmaceutical Sciences Review and Research</i> , 25(4) : 245-247 (Scopus; ISSN: 0976-044X).
39.	<b>Vaidya Anuradha</b> (04/2014) Can systems biology approach help in finding more effective treatment for acute myeloid leukemia?. <i>Systems and Synthetic Biology</i> , (Scopus; ISSN: 1872-5333).
40.	<b>Vaidya Anuradha</b> , RathodMaitreyi (09/2014) An in vitro study of the immunomodulatory effects of Piper nigrum (black pepper) and Elettariacardamomum (cardamom) extracts using a murine macrophage cell line. <i>American International Journal of Research in Formal, Applied and Natural Sciences (AIJRFANS)</i> , (8) (Ebsco,ProQuest,WorldCat,GoogleScholar,Scirus,BASE,DOAJ,GetCITED,Inspec,ThomsonReuteurs; ISSN: 2328-3785).
41.	Ghani Sultan, <b>Singhania Smita</b> (04/2014) Back to the Future: Talking to your Medicine. <i>International Journal of Pharmaceutical Sciences Review and Research</i> , 25(2) : 259-261 (Scopus; ISSN: 0976-044X).
42.	<b>Vaidya, Anuradha, Singhania, Smita</b> (04/2013) Quality Control Measures in Cord Blood Banking in India - Critical Appraisal and Recommendations. <i>Journal of Stem Cells</i> , 8(2) : 105-113 (Scopus; ISSN: 1556-8539).
43.	Arvind Chopra, V Tilak, <b>Tillu, G</b> , Sanjeev Sarmukaddam, AnuradhaVenugopalan, GumdalNarsimulu, RohiniHanda, VenilSumantran, Ashwini Kumar Raut, Ashwini Kumar Raut, <b>Joshi Kalpana, PatwardhanBhushan</b> (01/2013) Ayurvedic medicine offers a good alternative to glucosamine and celecoxib in the treatment of symptomatic knee osteoarthritis: A randomized,double-blind,controlled equivalence drug trial. <i>Rheumatology</i> , 52(8) : 1408-1417 (Scopus).
44.	B kamble, A Gupta, <b>Patil Dada</b> , L khatal, S Janrao, L Moothedath, B Duriaswamy (05/2013) Determination of gymnemagenin in rat plasma using high - performance liquid chromatography - tandem mass spectrometry: application to pharmacokinetics after oral administration of Gymnemasylvestre extract. <i>Biomedical Chromatography</i> , 27(5) : 669-675 (Scopus; ISSN: 1099-0801).
45.	B kamble, A Gupta, <b>Patil Dada</b> , S Janrao, L khatal, B Duriaswamy (02/2013) Quantitative Estimation of Gymnemagenin in Gymnemasylvestre Extract and its Marketed Formulations using the HPLC-ESI-MS/MS Method. <i>Phytochemical Analysis</i> , 24(2) : 135-140 (Scopus; ISSN: 1099-1565).
46.	Choudhury K, <b>Ghooi R</b> (07/2013) New rules for clinical trial-related injury and compensation. <i>Indian journal of medical ethics</i> , 10(3) : 197-200 (Scopus; ISSN: 09748466).
47.	Gupta VH, Singh M, Amarpurkar DN, Sasi P, JM Joshi, Baijal R, Praveen Kumar KHR, Amarpurkar AD, <b>Joshi, K</b> , Wangikar PP (05/2013) Association of GST null genotypes with anti-tuberculosis drug induced hepatotoxicity in Western Indian population. <i>Annals of Hepatology</i> , 12(6) : 959-965 (Scopus; ISSN: 1665-2681).
48.	Joshi Mukta, Kundapura Shankar, ThirthaPoovaiah, Ingle Kundan, <b>Dhar Pawan</b> (06/2013) Discovering Novel Anti-Malarial Peptides from the Not-coding Genome - A Working Hypothesis. <i>Current Synthetic and Systems Biology</i> , 1(1) : 1-4 (Google Scholar,CrossRef; ISSN: 2332-0737).
49.	MohdFauzi F, A Koutsoukas, R Lowe, <b>Joshi Kalpana</b> , TP Fan, RC Glen, A Bender (03/2013) Chemogenomics approaches to rationalizing the mode-of-action of traditional chinese and ayurvedic medicines. <i>Journal of Chemical Information and Modeling</i> , 53(3) : 661-673 (Scopus,ProQuest,PubMed; ISSN: 1549-960X).
50.	ThirthaPoovaiah, Kundapura Shankar, <b>Ghooi RB</b> (10/2013) The big Cs of the informed consent form: compliance and comprehension. <i>Indian Journal of Medical Ethics</i> , 10(4) : 232-237 (Scopus; ISSN: 0975-5691).

51.	VH Gupta, DN Amarapurkar, M Singh, P Sasi, JM Joshi, R Baijal, PH Ramegowda, AD Amarapurkar, <b>Joshi Kalpana</b> , PP Wangikar (08/2013) Association of N-acetyltransferase 2 and cytochrome P450 2E1 gene polymorphisms with antituberculosis drug-induced hepatotoxicity in Western India. <i>Journal of Gastroenterology and Hepatology</i> , 28(8) : 1368-1374 (Scopus; ISSN: 1440-1746).
52.	VN Sumantran, <b>Tillu G</b> (04/2013) Insights on personalized medicine from ayurveda. <i>Journal of Alternative and Complementary Medicine.</i> , 19(4) : 370-375 (Scopus; ISSN: 1075-5535).
53.	<b>Dhar PK</b> (12/2012) Virtual Cell: Making a virtual heart. <i>Nature India</i> , ( ISSN: 1755-3180).
54.	<b>Dhar PK</b> (10/2012) Science and Spirituality - soul searching. <i>Nature India</i> , ( ISSN: 1755-3180).
55.	<b>Dhar PK</b> (08/2012) Science and Spirituality - explaining evolution. <i>Nature India</i> , ( ISSN: 1755-3180).
56.	<b>Dhar PK</b> (07/2012) Science and Spirituality - analyzing illusions. <i>Nature India</i> , ( ISSN: 1755-3180).
57.	<b>Dhar PK</b> (06/2012) Science and Spirituality - decoding nothingness. <i>Nature India</i> , ( ISSN: 1755-3180).
58.	<b>Dhar PK</b> (05/2012) Science and Spirituality. <i>Nature India</i> , ( ISSN: 1755-3180).
59.	<b>Dhar PK</b> (04/2012) Virtual Cell: Computing human brain. <i>Nature India</i> , ( ISSN: 1755-3180).
60.	<b>Dhar PK</b> (03/2012) Virtual Cell: Making virtual human skin. <i>Nature India</i> , ( ISSN: 1755-3180).
61.	<b>Dhar PK</b> (02/2012) Virtual Cell: Making a virtual human liver. <i>Nature India</i> , ( ISSN: 1755-3180).
62.	<b>Ghoori RB</b> (05/2012) Ayurveda for Modern Medical Practitioners. <i>Journal of Ayurveda and Integrative Medicine</i> , 3(1) : 51-52 (Scopus; ISSN: 0976-2809).
63.	<b>Ghoori RB</b> , SR Deshpande (10/2012) Patients rights in India: an ethical perspective. <i>Indian journal of medical ethics</i> , 9(4) : 277-278 (Scopus; ISSN: 0974-8466).
64.	<b>Joshi Kalpana</b> (10/2012) Insights into Ayurvedic biology - A conversation with Professor M.S. Valiathan. <i>Journal of Ayurveda and Integrative Medicine</i> , 3(4) : 226-229 (Scopus,ProQuest,PubMed; ISSN: 0976-2809).
65.	<b>PatwardhanBhushan</b> (07/2012) Ayurveda: Finding place in own house. <i>Journal of Ayurveda and Integrative Medicine</i> , 3(3) : 109-110 (Scopus; ISSN: 0976-2809).
66.	<b>PatwardhanBhushan</b> (04/2012) Adding life to years with Ayurveda. <i>Journal of Ayurveda and Integrative Medicine</i> , 3(2) : 55-56 (Scopus; ISSN: 0976-2809).
67.	<b>PatwardhanBhushan</b> (01/2012) Two years of J-AIM. <i>Journal of Ayurveda and Integrative Medicine</i> , 3(1) : 1-2 (Scopus; ISSN: 0976-2809).
68.	Arvind Chopra, ManjeetSaluje, <b>Tillu G</b> , AnuradhaVenugopalan, GumdalNarsimulu, Sanjeev Sarmukaddam, <b>Patwardhan B.</b> (01/2012) Evaluating higher doses of Shunthi - Guduchi formulations for safety in treatment of osteoarthritis knees: A Government of India NMITLI arthritis project. <i>Journal of Ayurveda and Integrative Medicine</i> , 3(1) : 38-44 (Scopus; ISSN: 0976-2809).
69.	B kamble, A Gupta, <b>Patil Dada</b> , B Duriaswamy (10/2012) In SilicoModeling Studies of the Constituents of GymnemaSylvestreR. <i>American Journal of PharmTech Research</i> , 2(5) : 435-451 (Google Scholar,Global Impact Factor,Index Copernicus; ISSN: 2249-3387).
70.	PP Doke, Karantaki MV, <b>Deshapnde, Shailesh</b> (02/2012) Adverse pregnancy outcomes in rural Maharashtra, India (2008-09): A retrospective cohort study. <i>BMC Public Health</i> , 12(1) (Scopus,GoogleScholar,DOAJ,PubMed,Science Citation Index (SCI); ISSN: 1471-2458).
71.	Sumantran VN, <b>Tillu G</b> (05/2012) Cancer, Inflammation, and Insights from Ayurveda. <i>Evidence-Based Complementary and Alternative Medicine</i> , : 1-11 (Scopus,Science Citation Index (SCI); ISSN: 1741-4288).
72.	<b>Dhar PK</b> (12/2011) Virtual cell: Making tiny life forms. <i>Nature India</i> , ( ISSN: 1755-3180).
73.	<b>Dhar PK</b> (11/2011) Virtual Cell: How to make one. <i>Nature India</i> , ( ISSN: 1755-3180).

74.	<b>Ghoori RB</b> (11/2011) Status of Indian Medicine and Folk. <i>Journal of Ayurveda and Integrative Medicine</i> , 2(4) : 217-218 (Scopus; ISSN: 0976-2809).
75.	<b>Ghoori RB, PatwardhanBhushan</b> (10/2011) Dr. Ashok DB Vaidya. <i>Journal of Ayurveda and Integrative Medicine</i> , 2(4) : 209-210 (Scopus; ISSN: 0976-2809).
76	<b>PatwardhanBhushan</b> (06/2011) Let's plan for national health. <i>Journal of Ayurveda and Integrative Medicine</i> , 2(3) : 103-104 (Scopus; ISSN: 0976-2809).
77	<b>PatwardhanBhushan</b> (04/2011) European union ban on ayurvedic medicines. <i>Journal of Ayurveda and Integrative Medicine</i> , 2(2) : 47-48 (Scopus; ISSN: 0976-2809).
78	<b>PatwardhanBhushan</b> (10/2011) Planned progress for health. <i>Journal of Ayurveda and Integrative Medicine</i> , 2(4) : 161-162 (Scopus; ISSN: 0976-2809).
<b>Book Chapters Published</b>	
1	<b>Rale Vinaykumar, Tendulkar Pooja</b> (11/2016) Common Duckweeds as a Model System for Climate Change Impact Assessment. In: econsidering the Impact of Climate Change on Global Water Supply, Use, and Management (Edited by: Rao Prakash, Patil Yogesh) IGI Global USA , pp: 364-372 (ISBN: 9781522510475)
2.	Puranik Amrutesh, <b>Patwardhan B.</b> (02/2012) Ayurveda and Metabolic Diseases: The Whole is Greater than the Sum of the Parts. In: <i>Nutritional and Therapeutic Interventions for Diabetes and Metabolic Syndrome</i> Elsevier Inc. , pp: 443-456 (ISBN: 978-012385083-6;Scopus).