

List of publications in indexed journals during 2001-2012: (Published 200 international research papers during 1972 – till date)

1. **Bisen P.S.** Editorial on “Marine Microbes : Unexplored therapeutic bio-mine” *Journal of Cancer Science and Therapy* (OMICS Publishing Group, USA) 3: *J Cancer Sci Ther* 4: xviii-xix. doi: 10.4172/1948-5956.1000e112 (2012)
2. Jain A., D. S. Gour **Bisen P. S.**, Dubey P.P., Sharma D.K., Tiwari R.P., N. Gupta N, Kumar D. Allele mining in β -lactoglobulin gene of *Capra hircus*. *African Journal of Biotechnology* DOI:10.5897/AJB12.884 11 (50), 11057-11064, 21 June, (2012).
3. Jarouliya U., Zacharia Anish, Kumar P, **Bisen P.S.**, Prasad GBKS. Alleviation of metabolic abnormalities induced by excessive fructose administration in Wistar rats by *Spirulina maxima* *Ind. Jour. Med. Res.* 135: 422-428 (2012).
4. Khan Z., Khan N, Tiwari R. P., Prasad GBKS, **Bisen P.S.** Induction of apoptosis and sensitization of head and neck squamous carcinoma cells to cisplatin by targeting survivin gene expression. *Current Gene Therapy* (Bentham Science Publication, USA) 12 In Press (2012).
5. Katare Charu, Saxena Sonali, Agrawal Supriya, Prasad GBKS and **Bisen P. S.** Flax seed: A Potential Medicinal Food. *Journal of Nutrition & Food science* (OMICS Publishing Group USA), 2:120 doi:10.4172/2155-9600.1000120 (2012).
6. **Bisen P.S.**, Bundela Saurabh S and Sharma Anjana. Ellagic Acid – Chemoprotective role in oral cancer. *Journal of Cancer Science and Therapy* (OMICS Publishing Group USA) 4:023-030.doi:10.4172/1948-5956.1000106 (2012)
7. **Bisen P.S.** Editorial on “Enabling Oral Cancer Translational Research in India.” *Journal of Cancer Science and Therapy* (OMICS Publishing Group, USA) 3: *J Cancer Sci Ther* 4: i-i. doi:10.4172/1948-5956.1000e103 (2112)
8. Katare Charu, Agrawal Supriya, Jain Meenu, Rani Srishty, Saxena Sonali, **Bisen P.S.** and Prasad GBKS. *Lagenaria siceraria*: A Potential Source of Anti-Hyperlipidemic and other Pharmacological Agents. *Current Nutrition & Food Science* (Bentham Science Publication, USA), 7:286-294 (2011)
9. Khan, Zakir, N. Khan, A. K. Varma, R. P. Tiwari and **P. S. Bisen** Biology of Cox-2: An application in cancer therapeutics. *Current Drug Target* (Bentham Science Publication, USA), 12 (7), 1082-1093 (2011)
10. Thakur Gulab Singh, Rohit Sharma, Bhagwan S. Sanodiya, Mukeshwar Pandey, Rakesh Baghel, Astha Gupta, GBKS Prasad and **P. S. Bisen**. High frequency *in vitro* shoot regeneration of *Momordica balsamina*, an important medicinal and nutritional plant. *African Journal of Biotechnology* 10(70), DOI: 10.5897/AJB10.2075: 15808-15812 (2011)
11. Debnath Mousumi, Pandey M, and **P.S. Bisen**. An Omics Approach to Understand the Plant Abiotic Stress. *OMICS A Journal of Integrative Biology* (Marry Ann Liebert, Inc. Publishers USA) 15 (11): DOI: 10.1089/omi.2010.0146, 739-762 (2011)

12. Thakur GS, M Pandey, R Sharma, B S Sanodiya, G B K S Prasad and **P. S. Bisen** Factors affecting *in vitro* propagation of *Momordica balsamina*: a medicinal and nutritional climber. *Physiol Mol Biol Plants* (Springer Verlag, Germany) DOI10.1007/s12298-011-0052-z, 193-197 (2011)
13. Khan Zakir, Noor Khan, Ram P. Tiwari, Ishan K. Patro, G.B.K.S. Prasad and **P. S. Bisen** Down-regulation of survivin by oxaliplatin diminishes radioresistance of head and neck squamous carcinoma cells. *Radiotherapy and Oncology* (Elsevier) [http://dx.doi.org/ 10.1016/j. radonc.2010.06.005](http://dx.doi.org/10.1016/j.radonc.2010.06.005) 96 (2010) 267–273 (2010)
14. Khan Z., Noor Khan, A. K. Varma, R. P Tiwari, Shahul Mouhamad, GBKS Prasad, and **P. S. Bisen**. Oxaliplatin-mediated inhibition of survivin increase sensitivity of head and neck squamous cell carcinoma cell lines to paclitaxel. *Current Cancer Drug Target* (Bentham Science Publication, USA) PMID: 20578991 BSP/CCDT/E-Pub/00034:10, 660-669 (2010).
15. Baghel P., K. Naik, V. Dixit, A. K. Gupta, **P. S. Bisen**, G. B. K. S. Prasad, Indoor resting density pattern of mosquito species in Fingeswar block of Raipur district in Chhattisgarh, central India. *Journal of Parasitic Diseases*(Springer Verlag) DOI 10.1007/s12639-009-0014-3 ISSN 0971-7196 84-91 (2009).
16. **Bisen P. S.**, Rakesh K. Baghel, Bhagwan S. Sanodiya, Gulab S. Thakur, and GBKS Prasad. *Lentinus edodes*: A Macrofungus with Pharmacological Activities. *Current Medicinal Chemistry* (Bentham Science Publication, USA) 17: 2419-2430 (2010)
17. **Bisen P. S.**, Bhagwan S. Sanodiya , Gulab S. Thakur , Rakesh K. Baghel and GBKS Prasad. Biodiesel Production with special emphasis on Lipase Esterification. *Biotechnology Letters* (Springer Verlag, Germany) DOI 10.1007/s10529-010-0275-z 32: 1019-1030 (2010)
18. Sanodiya Bhagwan S., Gulab S. Thakur, Rakesh K. Baghel, Akhilesh K. Pandey, G. B. K. S. Prasad and **P. S. Bisen** Isolation and Characterization of Tenuazonic acid produced by *Aletrnaria alternata*, a potential bioherbicidal agent for control of *Lantana camara*. *Jour. Plant Protection Research* 50: 133-139 (2010)
19. Sanodiya B. S., Thakur G.S., Baghel, R. K., Prasad G.B.K.S. and **Bisen P.S.** *Ganoderma lucidum*: A potent pharmacological macrofungus. *Current Pharmaceutical Biotechnology* (Bentham Science Publication, USA) 10: 717-742 (2009).
20. Thakur G.S., Bag Manoranjan, Sanodiya B. S., Debnath Mousumi, Bhadouriya Pratiksha, Prasad G.B.K.S. and **Bisen P.S.** *Chlorophytum borivilianum*: A White Gold for Biopharmaceuticals and Neutraceuticals. *Current Pharmaceutical Biotechnology* (Bentham Science Publication, USA) 10: 650-666 (2009)
21. Pachauri Akash, Yadav Hariom, Jain Shalini, **Bisen P. S.**, Chapperwal Anand, Marotta, Francesco, Minelli, E., Prasad G.B.K.S. Hypoglycemic effect of diabegon : A polyherbal preparation in normal and type 2 diabetic rats and human subjects. *International Medical Journal* (Japan International Cultural Exchange Foundation) 16: 117-124 (2009).

22. Bhadauriya P., Gupta R., Singh S. and **Bisen P.S.** NaCl induced metabolic changes in the diazotrophic cyanobacterium *Anabaena cylindrical*. *World Journal of Microbiology and Biotechnology* (Springer Verlag, Germany) DOI: 10.1007/s11274-008-9879-z 25: 341-345 (2009).
23. Thakur G.S., Bag Manoranjan, Sanodiya B. S., Bhadouriya Pratiksha, Debnath Mousumi, Prasad G.B.K.S. and **Bisen P.S.** *Momordica balsamina*: A Medicinal and Nutraceutical Plant for Health Care Management *Current Pharmaceutical Biotechnology* (Bentham Science Publication, USA) 10: 667-682 (2009).
24. Dixit, Vandana, Baghel Paramanand, Gupta, A.K., **Bisen, P.S.** and Prasad, G.B.K.S., Impact of season on filarial vector density and infection in Raipur city of Chattisgarh, India. *Jour. Vector Borne Dis.* 46: 212–218 (2009)
25. Jain A., Gour D. S., **Bisen P.S.**, Prashant, Dubey P.P., Sharma D.K., Joshi B.K. and Kumar Dinesh. Single nucleotide polymorphism (SNP) in alpha-lactalbumin gene of Indian Jamunapari breed of *Capra hircus* *Small Ruminant Research* (Elsevier, The Netherland) doi:10.1016/j.smallrumres.2009.02.013 82: 156-160 (2009).
26. Khan Zakir, Tiwari R. P., Mulherkar Rita, Nand K. Sah N. K., Prasad G. B. K. S., Shrivastava B. R. and **Bisen P.S.** Detection of survivin and p53 in human oral cancer: correlation with clinicopathological findings *Head and Neck* (Wiley InterScience) (www.interscience.wiley.com) DOI:10.1002/hed.21071, 31: 1039-1048 (2009).
27. Dixit, Vandana, Pati, A.K., Gupta, A.K., **Bisen, P.S.** and Prasad, G.B.K.S. Filarial infection is resisted differentially by subjects having different blood group phenotypes. *Journal of Clinical Laboratory Analysis* (Inter Science Wiley Publishers, USA) 23(3):186-191 (2009).
28. Kulshreshtha Archana, Zacharia Anish J., Jarouliya Urmila, Pratiksha Bhadauriya, Prasad G. B. K. S and **Bisen P. S.** Spirulina in health Care management *Current Pharmaceutical Biotechnology* (Bentham Science Publication, USA) 9: 400-405 (2008)
29. Debnath Mousumi and **Bisen P. S.** *Jatropha curcas* L., A Multipurpose Stress Resistant Plant with a Potential for Ethnomedicine and Renewable Energy. *Current Pharmaceutical Biotechnology* (Bentham Science Publication, USA) 9: 288-306 (2008)
30. Bhadauriya P, R. Gupta, S. Singh and **Bisen P.S.** n-Alkanes variability in the diazotrophic cyanobacterium *Anabaena cylindrica* in response to NaCl stress. *World J Microbiol Biotechnol* (Springer-Verlag, New York Inc.) 24:139-141 (2008).
31. Gupta, R, Bhadauriya, P, Chauhan V S and **Bisen P.S.** Impact of UV-B Radiation on thylakoid membrane and fatty acid profile of *Spirulina platensis* . *Current Microbiol.* (Springer-Verlag, New York Inc.) 56(2):156-161 (2008).
32. Singh S.K., N.K. Sah and **P.S. Bisen.** A synthetic gag-p24 epitope chemically coupled to BSA through a deca alanine peptide enhances HIV-1 serodiagnostic ability by several fold. *AIDS Research and Human Retroviruses* (Marry Ann Liebert, Inc. Publishers USA) 23:153-160 (2007).
33. Dixit, Vandana, A.V. Subhadra, **P.S. Bisen,** B.C. Harinath and G.B.K. Prasad Antigen specific immune complexes in urine of patients with lymphatic filariasis. *Journal of Clinical Laboratory Analysis* (Inter Science Wiley Publishers, USA) 21: 46-48 (2007).

34. Dixit Vandana, Aswani Gupta, **P.S. Bisen**, G.B.K. Prasad and B.C. Harinath Serum immune complexes as diagnostic and therapeutic markers in lymphatic filariasis. *Journal of Clinical Laboratory Analysis* (Inter Science Wiley Publishers, USA) 21: 114-118 (2007).
35. Tiwari R.P., N.S. Hattikudur, R.N. Bharmal, S. Kartikeyan, N.N. Deshmukh and **P.S. Bisen** Modern approaches to a rapid diagnosis of tuberculosis: Promises and challenges. *Tuberculosis* (Elsevier The Netherland) 87: 193-201 (2007).
36. Khan, F, A.K. Pandey, Manorama Tripathi, Sudha Talwar, **P.S. Bisen**, Mino Borkar and Suraksha Agrawal. Genetic affinities between endogamous and inbreeding populations of Uttar Pradesh. *BMC Genetics* doi:10.1186/1471-2156-8-12 8:12, 1-11 (2007).
37. Tiwari R.P., R.N. Bharmal, S. Kartikeyan and **P. S. Bisen**. Development of a rapid Liposomal agglutination card test for the detection of Glycolipid antigen in patients with Meningial, Pulmonary and other Extra-pulmonary tuberculosis. *International Journal of Tuberculosis and Lung Disease* (International Union Against Tuberculosis and Lung Disease, Paris, France):11(10): 1143-1151 (2007).
38. Bhadauriya, P, Gupta, R, Singh, S and **P.S. Bisen** Physiological and biochemical alterations in a diazotrophic cyanobacterium *Anabaena cylindrica* under NaCl stress. *Current Microbiol.* (Springer-Verlag, New York Inc.) 55: 334-338 (2007)
39. Mousumi Debnath, A.K.Paul and **P.S. Bisen**. Natural Bioactive Compounds And Biotechnological Applications Of Marine Bacteria. *Current Pharmaceutical Biotechnology* (Bentham Science Publication,USA) 8: 253-260 (2007).
40. Mousumi Debnath, C.P. Malik and **P.S. Bisen**. Clonal Propagation Of *Chlorophytum borivilianum*, An Endangered Medicinal Plant. *Phytomorphology* 57 :117-121(2007).
41. Raghuvanshi, R., S. Singh, R. Saxena and **P.S. Bisen**. Iron mediated metabolic regulations of growth in a diazotrophic cyanobacterium *Anabaena cylindrica*. *Physiology & Molecular Biology of Plants* 13: 123-134 (2007).
42. Raghuvanshi, R., S. Singh, **P.S. Bisen**. Iron mediated regulation of growth and siderophore production in a diazotrophic cyanobacterium *Anabaena cylindrica*. *Indian Journal of Experimental Biology* (CSIR, New Delhi) 45: 563-567 (2007).
43. Sah NK, Z Khan, GJ Khan and **PS Bisen** Structural, Functional and therapeutic biology of survivin. *Cancer Letters* (Elsevier The Netherland) 244: 164-171 (2006).
44. Singh S.K. and **P.S. Bisen** Adjuvanticity of stealth liposomes on the immunogenicity of synthetic gp41 epitope of HIV-1. *Vaccine* (Elsevier The Netherland) 24(19): 4161-4166 (2006).
45. Khan, Faisal, A. K. Pandey, **P.S. Bisen** and Suraksha Agrawal Allele frequency profile of three STR loci in nine north Indian populations. *Jour. Forensic Sciences* (Blackwell Publishing Inc.) 51(3): 706-707 (2006).
46. Garg S.K., Marilina B. Santucci, Miriam Panitti, Leo Pucillo, Marialuisa Bocchino, Fumikazu Okajima, **P S Bisen**, Cesare Saltini and M. Fraziano Does sphingosine 1-

- phosphate play a protective role in the course of pulmonary tuberculosis? *Clinical Immunology* (Elsevier The Netherland) 121: 260-264 (2006).
47. Gour, D.P.S., Geetu Malik, S.P.S. Ahlawat, A.K. Pandey, Rekha Sharma, Neelam Gupta, S.C. Gupta, **P.S. Bisen** and D. Kumar Analysis of genetic structure of Jamunapari goats by microsatellite markers. *Small Ruminant Research* (Elsevier, The Netherland) 66: 140-149 (2006).
 48. Khan Zakir, Pratiksha Bhadouria, Radha Gupta and **P.S. Bisen**. Tumor control by manipulation of the human anti-apoptotic Survivin gene. *Current Cancer Therapy Reviews* (Bentham Science Publishers Ltd.) 2: 73-79 (2006).
 49. Debnath Mousumi, C.P. Malik and **P.S. Bisen**. Micropropagation: A Tool for the production of high quality plant - based medicines. *Current Pharmaceutical Biotechnology* (Bentham Science Publishers Ltd.) 7: 33-49 (2006).
 50. Tiwari, R.P., Dileep Tiwari, S.K. Garg, Ramesh Chandra and **P. S. Bisen**. Glycolipids of *Mycobacterium tuberculosis* Strain H37Rv Are Potential Serological Markers For Diagnosis of Active Tuberculosis. *Clinical and Diagnostic Laboratory Immunology* (American Society for Microbiology, Washington) 12: 465-473 (2005).
 51. Khan Zakir, Pratiksha Bhadoria and **P.S. Bisen**. Nutritional and Therapeutic Potential of *Spirulina*. *Current Pharmaceutical Biotechnology* (Bentham Science Publishers Ltd..) 6: 373-379 (2005).
 52. Gandhi Puneet, Zakir Khan, Prateeksha Bhadoria, Radha Gupta, N.K. Saha and **P.S. Bisen**. Origin and Expansion of Trinucleotide Repeats and Neurological Disorders. *Current Genomics* (Bentham Science Publishers Ltd.) 6: 563-568 (2005).
 53. Pavitran, S., S. Balasubramanian, Pradeep Kumar and **P.S. Bisen**. Emulsification and utilization of high speed diesel by a Brevibacterium species isolated from hydraulic oil. *World Journal Microbiol.and Biotechnol.* (Springer- Verlag New York, Inc.) 20: 811-816 (2004).
 54. Garg, K. Sanjay, Marilina B. Santucci, Seghrouchni Fouad, Cesare Saltini, **P.S. Bisen**, Vittorio Colizzi and Maurizio Fraziano (2004) Tuberculosis Therapeutics: Past Achievements, Present Road-Blocks and Future Perspectives. *Letters in Drug Design & Discovery* (Bentham Science Publishers Ltd.) 1:35-449 (2004).
 55. Chauhan, V. S., B. Singh, S. Singh and **P.S. Bisen**. Regulation of Potassium Uptake in the Sodium-Resistant (NaCl^r) and Thallium-Resistant (TlCl^r) Mutant Strain of Diazotrophic Cyanobacterium *Anabaena variabilis*. *Current Microbiology* (Springer-Verlag, New York Inc.) 46:59-64 (2003).
 56. Bhargava, S., R. K. Saxena, P.K. Pandey and **P.S. Bisen**. Mutational Engineering of the Cyanobacterium *Nostoc muscorum* for Resistance to Growth-inhibitory Action of LiCl and NaCl. *Current Microbiology* (Springer-Verlag, New York Inc.) 47:5-11 (2003).
 57. Garg, S.K., R.P. Tiwari, D. Tiwari, R. Singh, D. Malhotra, V.K. Ramnani, GBKS Prasad, R. Chandra, M. Raziano, V. Colizzi and **P.S. Bisen**. Diagnosis of tuberculosis: Available Technologies, Limitations and Possibilities. *Journal of Clinical Laboratory Analysis* (Interscience Wiley Publishers, Europe) 17:155-163 (2003).

58. **Bisen, P.S.**, S.K. Garg, R.P. Tiwari, P. R.N. Tagore, R. Chandra, R. Karnik, N. Thaker, N. Desai, P.K. Ghosh, E. Volpe, M. Fraziano and V.Colizzi Analysis of shotgun expression library of *Mycobacterium tuberculosis* genome for immunodominant polypeptides: Potential use in serodiagnosis. *Clinical and Diagnostic Laboratory Immunology* (American Society for Microbiology, Washington) 10 (6): 1051-1058 (2003).
59. Pandey, P.K., R.K. Saxena and **P.S. Bisen**. Immobilisation results in sustained calcium transport in *Nostoc calcicola* Breb. *Current Microbiology* (Springer-Verlag, New York, Inc.) 44: 173-177 (2002).
60. Saxena, R.K., Pandey, P.K. and **P.S. Bisen**. Physiological and biochemical alterations in *Anabaena* 7120 cells under iron stress. *Ind. J. Exp. Biol.* (CSIR, New Delhi) 40:594-599 (2002).
61. Singh, S., P.K. Pandey, V.S. Chauhan, B. Singh, R.K. Saxena and P.S. Bisen. Nitrogen Metabolism in Cyanobacteria in *Phycology: Principles, Processes and Applications*. Prof. A.S. Ahluwalia ed. Volume Daya Publishing House, New Delhi. Chapter 5:65-88 (2002).
62. Singh, B., V.S. Chauhan, S. Singh and **P.S. Bisen**. Physiological alterations and regulation of heterocyst and nitrogenase formation in Het⁻ Fix⁻ mutant strain of *Anabaena variabilis*. *Current Microbiology* (Springer-Verlag, New York Inc.) 45:315-322 (2002).
63. Singh, B., V.S. Chauhan, S. Singh and **P.S. Bisen** Isolation and partial characterization of Het⁻ Fix⁻ mutant strain of the diazotrophic cyanobacterium *Anabaena variabilis* showing chromatic adaptation. *Current Microbiology* (Springer-Verlag, New York Inc.) 43: 265-270 (2001).
64. Chauhan, V.S., B. Singh, S. Singh and **P.S. Bisen**. Regulation of sodium influx in the NaCl⁻ resistant (NaCl^r) mutant strain of the cyanobacterium *Anabaena variabilis*. *Current Microbiology*. (Springer-Verlag, New York Inc.) 42: 100-105 (2001).
65. Gothwal, Ragini and **P.S. Bisen** Bioremediation in *Encyclopedia of Pest Management* (edited by David Pimentel) Marcel Dekker, Inc. pp.89-93 (2001).
66. Singh, B. B., I. Curdt, D. Shomburg, **P.S. Bisen** and H. Bohme Valine 77 of heterocystous ferredoxin *FdxH2* in *Anabaena variabilis* strain ATCC 29413 is critical for its oxygen sensitivity. *Molecular and Cellular Biochemistry* (Kluwer Academic Publisher) 217: 137-142 (2001).
67. Sengupta, S., L.K. Sengupta and **P.S. Bisen**. Bioengineered Crops : The commercial and ethical considerations. *Current Genomics* (Bentham Science Publishers Ltd.) 2: 181-197 (2001).
68. Sharma, S.K., Singh D.P., Shukla H.D., Ahmad Anwar and **P.S. Bisen**. Influence of sodium ion on heavy metal-induced inhibition of light-regulated proton efflux and active carbon uptake in the cyanobacterium *Anabaena flos-aquae*. *World Journal of Microbiology and Biotechnology* (Kluwer Academic Publishers) 17(7):707-711(2001).

BOOK CHAPTERS:

1. **“Jatropha revolution in India”** Mousumi Debnath and **P.S. Bisen** In : *Jatropha Potential Ethanomedicinal, Stress Resistant Biodiesel Plant* Edt. Mousumi Debnath, Aavishkar Publishers, Distributors, Jaipur ISBN 978-81-7910-318-0 pp. 23-44. (2011).
2. **“Propagation of Jatropha curcus”** Mousumi Debnath, Gulab S Thakur and **P.S. Bisen** In : *Jatropha Potential Ethanomedicinal, Stress Resistant Biodiesel Plant* Edt. Mousumi Debnath, Aavishkar Publishers, Distributors, Jaipur ISBN 978-81-7910-318-0 pp. 115-166. (2011).
3. **“Jatropha curcus : A Potential stress resistant plant”** Mousumi Debnath, H. N. Verma and **P.S. Bisen** In : *Jatropha Potential Ethanomedicinal, Stress Resistant Biodiesel Plant* Edt. Mousumi Debnath, Aavishkar Publishers, Distributors, Jaipur ISBN 978-81-7910-318-0 pp. 167-195. (2011).
4. **“Jatropha as an important energy crop”** Mousumi Debnath and **P.S. Bisen** In : *Jatropha Potential Ethanomedicinal, Stress Resistant Biodiesel Plant* Edt. Mousumi Debnath, Aavishkar Publishers, Distributors, Jaipur ISBN 978-81-7910-318-0 pp. 233-264 (2011).
5. **“Enzyme Production of biodiesel from Jatropha oil”** Gulab S Thakur, B. S. Sanodiya, G. B. K. S. Prasad and **P.S. Bisen** In : *Jatropha Potential Ethanomedicinal, Stress Resistant Biodiesel Plant* Edt. Mousumi Debnath, Aavishkar Publishers, Distributors, Jaipur ISBN 978-81-7910-318-0 pp. 265-282 (2011).
6. **“Liposomes in Diagnosis of Tuberculosis”** **P.S. Bisen**, GBKS Prasad, Anish Zacharia, Nitesh Jadon, Richa Dubey and R P. Tiwari, In: *Advances in Biomedical Research* Edt. by Photios Anninos, Marco Rossi, Tuan D. Pham, Carla Falugi, Arndt Bussing, Martha Koukkou Published by WSEAS Press www.wseas.org ISSN: 1790-5125 ISBN: 978-960-474-164-9 pp. 381-400 (February 2010)
7. **“Immunoprophylactic Mechanisms of Glycolipid Antigens in Tuberculosis”** G. B. K. S. Prasad, **P. S. Bisen**, Nitesh Jadaun, Anish Zacharia J., Richa Dubey and R. P. Tiwari In: *Advances in Biomedical Research* Photios Anninos, Marco Rossi, Tuan D. Pham, Carla Falugi, Arndt Bussing, Martha Koukkou Published by WSEAS Press www.wseas.org ISSN: 1790-5125 ISBN: 978-960-474-164-9 pp. 407-416 (February 2010).
8. **“Culture Filtrate Antigens in Tuberculosis Diagnosis”** Anish Zacharia, Nitesh Jadaun, Richa Dubey, G. B. K. S. Prasad and **P. S. Bisen** In: *Advances in Biomedical Research* Photios Anninos, Marco Rossi, Tuan D. Pham, Carla Falugi, Arndt Bussing, Martha Koukkou Published by WSEAS Press www.wseas.org ISSN: 1790-5125 ISBN: 978-960-474-164-9 pp. 417-425 (February 2010).
9. **“Mycobacterium tuberculosis: Pathogenesis, Diagnosis, Chemotherapy and Strategy for Vaccination”** **P.S. Bisen** and R. P. Tiwari in *Microbes for Human Life* , Ashok K. Chauhan, Harsha Kharkwal and Ajit Varma ed., I.K. International Publishing House Pvt. Ltd., New Delhi, pp. 357-419 (2007).
10. **“Nitrogen Metabolism in Cyanobacteria”** S. Singh, P.K. Pandey, V.S. Chauhan, B. Singh, R.K. Saxena and **P.S. Bisen** in *Phycology: Principles. Processes and Applications*. Prof. A.S. Ahluwalia ed. Volume Daya Publishing House, New Delhi. Chapter 5:65-88 (2002).

11. **“My journey with cyanobacteria” P.S. Bisen** (Sectional Presidential Address of Plant Sciences) 90th Annual Session of Indian Science Congress Association, Bangalore p 1 – 40 (2003).
12. **“Bioremediation”** Ragini Gothwal and **P.S. Bisen** in Encyclopedia of Pest Management David Pimentel ed., Marcel Dekker, Inc. pp.89-93 (2001).
13. **“Heterocyst : Current Status and future prospects”** Singh, B., Chauhan, V.S., Gour, R.K., Singh, S. and **Bisen P.S.** (1999) Journal of Indian Botanical Society 78:25–32.
14. **“Calcium - Calmodulin: An overview”** **P.S. Bisen**, B.B. Singh, L.K. Sengupta, R. Mishra, S. Sengupta, P.K. Pandey and S. Singh in Microbes in Health and Sustainable Environment, Ajit Verma ed., Malhotra Publishing House, New Delhi, pp 667-87(1998).
15. **“Why does diazotrophic cyanobacterium in its immobilized state liberate ammonium?”** B B Singh, S. Singh and **P.S. Bisen** Edt. V.K. Jain Wisdom Publishing House, New Delhi 352-358 (1998).
16. **“Study of Vesicular-arbuscular mycorrhizal fungus *Glomus mosseae* in soil samples of Bhopal”** **P.S. Bisen**, Alok Dev, R.K. Gour, R.K. Jain and L.K. Sengupta in: Mycorrhizal Biofertilizer For the Future, Edt. Alok Adholeya and Sujana Singh, TERI, New Delhi pp 73-76 (1995).
17. **“Cyanobacterial Research at Barkatullah University, Bhopal 1986 onwards”** **P.S. Bisen**, H. D. Shukla and Amit Gupta. Cyanobacterial Research – Indian Scene NFMC, BRRD, Tiruchipalli: 5-11(1993).
18. **“Organization of the gene for nitrogen fixation in some cyanobacteria”** **P.S. Bisen** and S. Shanthi in Frontiers in Microbial Technology Edt. **P.S. Bisen**, CBS Publishers, New Delhi, pp. 237-246 (1994).
19. **“Heat shock proteins in prokaryotes”** H.D. Shukla and **P.S. Bisen** in: Frontiers in Microbial Technology, Edt. **P.S. Bisen** CBS Publishers, New Delhi, pp. 302-310 (1994).
20. **“Root nodulation during infection by Rhizobia”** **P.S. Bisen** and Rajendra Mehta in Frontiers in Microbial Technology. ed. **P.S. Bisen**, CBS Publishers, New Delhi. pp 265-278 (1994).
20. **“Modifiers of ammonium transport in the nitrogen fixing cyanobacterium *Anabena doliolum*”** **P.S. Bisen** and S. Shanthi Prof. G.S.Venkataraman Felicitation Volume in ed. B.D. Kaushik Proc. Natl. Symp. Cyanobacterial Nitrogen Fixation 41-47 (1990).
21. **“Cyanophages: History and likelihood as a control”** **P.S. Bisen** Presidential address in M.P. Vigyan academy held at Bhopal. Fifth Annual Session in 1986 (Section Botany) 1-6 (1986).
22. **“Aflatoxin producing potentials of *Aspergillus flavus* associated with stored wheat grains.”** G.P. Agarwal, Shashi Awasthi and **P.S. Bisen** in Proc. Symposium Mycotoxin in Food and Feed, Bhagalpur University. ed. K.S.Bilgrami Allied Press, Bhagalpur 73-78 (1981).
23. **“Studies on the production of CM-cellulase by *Aspergillus niger*”** G.P. Agarwal, and **P.S. Bisen** Current Trends in Life Sciences, Today & Tomorrow Press New Delhi 9, 1-9 (1981).
24. **“Production of toxic metabolite by *Curvularia lunata* (Wakker) Boed var. *aeria* causing leaf spot in french bean (*Phaseolus vulgaris* L.)”** G.P. Agarwal, and **P.S. Bisen** in Proc. Physiology of Parasitism, ed. G.P. Agarwal and K.S. Bilgrami Today and Tomorrow Publishers and Printers New Delhi), 275-281 (1979).

25. **“Role of extra cellular enzymes in rot of apples caused by *Aspergillus niger*” P.S. Bisen** Proc. Physiology of Parasitism Edts. G.P.Agarwal and K.S.Bilgrami, Today and Tomorrow Printers and Publishers, New Delhi 247-258 (1979).

Articles (Not Abstract)

1. "Environmental Awareness" by **P.S. Bisen**, M.P. Chronicle daily News Paper Dated 04-08-1990.
2. "Biofertilizers" In Hindi - Madhya Pradesh Paryavaran, EPCO, Bhopal 1986.
3. “Quality Assurance in Higher Education” **National Mail, Bhopal** Saturday, 17 June 2000
4. “University Management needs a change” **National Mail, Bhopal** – Saturday, 8 July, 2000
5. “Study Centres of Foreign Universities in India” **Central Chronicle, Bhopal** Monday 31 July, 2000
6. “ Examination System – Whose Failure is it anyway? “ **Central Chronicle, Bhopal**, Monday, August 21, 2000
7. “Higher Education in Year 2000” **Central Chronicle, Bhopal** Monday August 28, 2000
8. “Know about Bio-informatics” **Central Chronicle, Bhopal** Monday, 4 September, 2000
9. “Environmental Awareness” **Central Chronicle, Bhopal** Monday, September 11, 2000.
10. “Biotechnology in India” **Central Chronicle, Bhopal** Monday, September, 25, 2000.