

List of Publications (Last three year)

1. Gurpreet Arora, **G. K. Kochar**, G K , Gunjan Soni (2016). Impact of Nutritional Education on Knowledge, Attitude , practices and beliefs of Adolescent Girls Belonging to Rural and Urban Areas of District Kurukshetra. *Int.J. Fd. Nutr. Sci.* **5 (4)**,278-283.
2. Gurpreet Arora **G. K. Kochar**, G K , Gunjan Soni (2015) Nutritional Awareness and Status of Adolescent Girls Studying in Schools of Urban and Rural Areas of District Kurukshetra. *J. Fd. Nutr. Sci.* **3**:126-130.
3. Kumar, R.; Kaur, J.; Jain, S.; **Kumar, A.** (2016) Optimization of laccase production from *Aspergillus flavus* by Design of Experiment Technique: Partial purification and characterization. *Journal of Genetic Engineering and Biotechnology.* 14, 125.
4. Hossain, S. K. A.; Srivastava, A.; Tyagi, A.; Shandilya, U. K.; **Kumar, A.**; Sachin, K.; Tyagi, A. K. (2016) Characterization of CLA producing *Butyrivibrio* spp. reveals strain specific variations. *3 Biotech.* 6(90), 1.
5. Tyagi, A.; **Kumar, A.**; Yadav, A. K.; Saklani, A. C.; Grover, S.; Batish, V. K. (2016) Functional expression of recombinant goat chymosin in *Pichia pastoris* bioreactor cultures: A commercially viable alternate. [LWT-Food Science and Technology.](#) 69, 217.
6. Tyagi, A.; **Kumar, A.**; Aparna, Sudhakaran, V.; Rashmi, H. M.; Grover, S.; Batish, V. K. (2016) Synthetic Biology: Applications in Food Sector. *Critical Reviews in Food Science & Nutrition.* 56, 1777
7. Yadav, A. K.; Tyagi, A.; **Kumar, A.**; Panwar, S.; Batish, V. K.; Saklani, A. C.; Hemalatha, R.; Grover, S. (2015) Adhesion of Lactobacilli and their anti infectivity potential. *Critical Reviews in Food Science & Nutrition.* DOI: 10.1080/10408398.2014.918533.
8. Yadav, A. K.; Tyagi, A.; **Kumar, A.**; Saklani, A. C.; Grover, S.; Batish, V. K. (2015) Adhesion of indigenous *Lactobacillus plantarum* to gut extracellular matrix and its physico-chemical characterization. *Archives of Microbiology.* 197, 155.
9. **Kumar, A.**; Grover, S.; Batish, V. K. (2015) Exploring specific primers targeted against different genes for a multiplex PCR for detection of *Listeria monocytogenes*. *3 Biotech.* 5, 261.
10. **Kumar, A.**; Grover, S.; Batish, V. K. (2014) A multiplex PCR assay based on 16S rRNA and hly for rapid detection of *L. monocytogenes* in milk. *Journal of Food Measurement and Characterization.* 8, 155.
11. Katyal ,P., Boora, P., **Budhwar,S** (2016). Malnutrition Among School Going Children (7-9 Years) of Rohtak District , Haryana , *Int Research Journal of Natural and Applied Sciences.*, 3(7): 89-94.
12. **Savita Budhwar** (2015).Nutritional status of subjects of Rohtak city suffering from Peptic Ulcer, *Yugshilpi International research journal of humanities and social science.*, 9(20) :133-140.
13. **Savita Budhwar** (2015). Dietary Pattern of Subjects of Rohtak City Suffering from Peptic Ulcer, *Hindu.*, 2(4) :199-202.
14. **Savita Budhwar** (2015) Effect of Diet and Exercise on Patient Suffering From Non-Insulin Dependent Diabetes Mellitus, *Yugshilpi International research journal of humanities and social science.*, 8(19) :207-208.
15. **Savita Budhwar** (2015). Role of Dietary Fibre in Prevention of Diseases, *Hindu.*, 2(4) :199-202.
16. **Savita Budhwar** (2014) .Diabetes Mellitus, *Indian Journal of Social Concern:* 4(12): 1-4.

17. **Savita Budhwar** and jyoti (2014). Impact of mother education on malnutrition and health status of children, *Journal of Pramana* .,3(14) :270-273.
18. **Savita Budhwar** (2014) . Risk factors of non-insulin dependent diabetes mellitus, *Indian journal of social concern* ., 4(12) : 13-16.
19. **Savita Budhwar** and jyoti (2014).Childhood obesity and Role of School, *Journal of Pramana* .,3(14) : 274-277.
20. Anu Kumar, Rita Singh Mazumdar, and **Tejpal Dhewa**, (2016). Biological synthesis of Silver nanoparticles by using *Viola serpens* extract. *Asian Pacific Journal of Tropical Disease*; 6(3): pp. 930-933.
21. Shalini Sehgal, **Tejpal Dhewa**, Neha Bansal and Manisha Thakur (2016)Probiotic drugs and labeling practices in Indian market. *The Delhi University Journal of Undergraduate Research and Innovation*. 2 (1) 166-170
22. Puniya, Anil K., Abdelfattah ZM Salem, Sanjay Kumar, Sumit S. Dagar, Gareth W. Griffith, Monica Puniya, Sreenivas R. Ravella, Nikhil Kumar, **Tejpal Dhewa**, and Ravinder Kumar (2015). Role of live microbial feed supplements with reference to anaerobic fungi in ruminant productivity: A review. *Journal of Integrative Agriculture*, 14, 3: pp.550-560.
23. Sehgal, S., **Dhewa, T.**, Bansal, N., Shashank, A., Sharma, N., Thakur, M., Himanshi, Anand, S., Mehta, S., Anil, Pal, R., Jha, A.,Chandel, G. and Sarna, P. (2015). Evaluation of Labeling Practices of Probiotic Products commercially available in Delhi Market .*The Delhi University Journal of Undergraduate Research and Innovation*, 1 (1): pp. 215-223.
24. **Tejpal Dhewa**, (2015). Biosensors for Environmental Monitoring: An Update. *Octa Journal of Environmental Research*, 3(2): pp. 212-218.
25. **Tejpal Dhewa**, (2015). Nanotechnology Applications in Agriculture: An Update. *Octa Journal of Environmental Research*, 3(2): pp.204-211.
26. Kumar, S., Choudhury, P.K., Carro, M.D., Griffith, G.W., Dagar, S.S., Puniya, M., Calabro, S., Ravella, S.R., **Dhewa, T.**, Upadhyay, R.C. and Sirohi, S.K., (2014). New aspects and strategies for methane mitigation from ruminants. *Applied Microbiology and Biotechnology*, 98(1), pp.31-44.
27. **Dhewa, T.**, Pant, S., & Mishra, V. (2014). Development of freeze dried synbiotic formulation using a probiotic strain of *Lactobacillus plantarum*. *Journal of Food Science and Technology*, 51(1): pp.83-89.
28. Singh, H. L., Singh, J., Chauhan, S. S., Mukherjee, A., and **Dhewa, T.** (2014). Synthetic, structural, theoretical and biological study of triorganotin (IV) Schiff base complexes derived from amino acids. *Journal of Chemical and Pharmaceutical Research*, 6(11), pp. 248-257.
29. **Anita Kumari** and Y.S Dhaliwal. 2016. Formulation of kainth (*Pyrus serotina*) based functional food products and changes during storage. *International Research Journal of Natural and Applied Sciences* 3 (11) 59-70.
30. **Anita Kumari** and Y.S Dhaliwal. 2016. Utilization of kaiphala (*Myrica esculentum*) fruit into value added products and their storage stability. *International Research Journal of Natural and Applied Sciences* 3 (4) 47-58.
31. **Anita Kumari**, Y.S Dhaliwal and Anupama Sandal. 2015. Formulation of fig based functional food products and changes during storage. *International Research Journal of Natural and Applied Science*. 2 (3): pp. 47-58.
32. **Anita Kumari**, Y.S Dhaliwal and Anupama Sandal. 2015. Documentation of medicinal uses of underutilized fruits of Himachal Pradesh. *Indian Food Packer*. (4): pp. 69-75.

33. **Anita Kumari**, Y.S Dhaliwal and Anupama Sandal. 2015. Value addition in crab apple- A wild fruit of Himachal Pradesh. *Indian Food Packer*. (3): pp. 45-50
34. Anupama Sandal, Mandeep Pathania and **Anita Kumari**. 2014. Quality evaluation of high sugar based semi solid products. *Processed Food Industry*. (7): pp. 24-28.

Book Chapters:

1. *EMBL Databases and Tools: An Overview*. Jain. S.; Panwar, S.; **Kumar, A.** In: *Basic Applied Bioinformatics: A Beginners' Guide for Students*", Eds: Mukhopadhyay, C. S.; Choudhary, R. K.; Iquebal, M. A.; John Wiley & Sons Inc., 111 River Street, Hoboken, NJ, 07030 (In Press), 2016
2. *Transcription binding Site Prediction – A Bioinformatic Approach*. Jain. S.; Panwar, S.; **Kumar, A.** In: *Basic Applied Bioinformatics: A Beginners' Guide for Students*", Eds: Mukhopadhyay, C. S.; Choudhary, R. K.; Iquebal, M. A.; John Wiley & Sons Inc., 111 River Street, Hoboken, NJ, 07030 (In Press), 2016
3. *Translation Initiation Site Prediction – A computational Approach*. Jain. S.; Panwar, S.; **Kumar, A.** In: *Basic Applied Bioinformatics: A Beginners' Guide for Students*", Eds: Mukhopadhyay, C. S.; Choudhary, R. K.; Iquebal, M. A.; John Wiley & Sons Inc., 111 River Street, Hoboken, NJ, 07030 (In Press), 2016
4. *Modern Strategies for Enhanced Catalytic Activity of enzymes*. Jain. S.; Panwar, S.; **Kumar, A.** In: *Industrial Enzymes: Trends, Scope and Relevance*. Eds: Beniwal, V.; Sharma, A. K.; Nova Science Publishers, USA (Published on line), 2014, pp 145-156. (ISBN: 978-1-63321-343-2)
5. *Strain engineering for improved production of chymosin in E. coli*. **Kumar, A.**; Panwar, S.; Grover, S.; Sharma, J.; Batish, V. K. In: *Microbes in the Service of Mankind: Tiny Bugs with Huge Impact*. Eds: Nagpal, R.; Kumar, A.; Singh, R.; J.B.C. Press, New Delhi. 2014, pp 1050-1064 (ISBN: 13: 9789381558850)
6. *Antimicrobials from Lactic Acid Bacteria: actions and applications*. Nagpal, R.; **Kumar, A.**; Bhardwaj, A.; Yadav, H. In: *Microbes in the Service of Mankind: Tiny Bugs with Huge Impact*. Eds: Nagpal, R.; Kumar, A.; Singh, R.; J.B.C. Press, New Delhi. 2014, pp 293-308 (ISBN: 13: 9789381558850)
7. *Probiotics: health benefits, applications and potential for developing healthier foods*. Nagpal, R.; **Kumar, A.**; Kumar, M.; Behare, P. V.; Singh, R. In: *Microbes in the Service of Mankind: Tiny Bugs with Huge Impact*. Eds: Nagpal, R.; Kumar, A.; Singh, R.; J.B.C. Press, New Delhi. 2014, pp 765-798 (ISBN: 13: 9789381558850)
8. *Biofiltration system for control of hazardous air pollutants (HAPs)*. Jain, S.; **Kumar, A.** In: *Microbes in the Service of Mankind: Tiny Bugs with Huge Impact*. Eds: Nagpal, R.; Kumar, A.; Singh, R.; J.B.C. Press, New Delhi. 2014, pp 671-698 (ISBN: 13: 9789381558850) .
9. *Nutrient Uptake and Transport*, Microbiology (Microbial Physiology and Metabolism-I); Editor: Shashi Chawla; VLE, DU; 2015; <http://vle.du.ac.in>; 2349-154X
10. *Modes of Viral Transmission*, Microbiology (Virology); Editor: Shashi Chawla; VLE, DU; 2015 <http://vle.du.ac.in> (accepted) 2349-154X
11. *Chromatographic Techniques Microbiology*; Editor: Shashi Chawla; VLE, DU; 2015 <http://vle.du.ac.in> (accepted) 2349-154X

12. *Koumiss*, Fermented Milk and Dairy Products, Editor: Anil Kumar Puniya; CRC Press, New York, 2015; 483-496; 978-14-665-7797-8
13. *Microbial Feed Additives*, Rumen Microbiology: From Evolution to Revolution; Editors: Anil Kumar Puniya, Rameshwar Singh, Devki Nandan Kamra; Springer India; 2015; 161-175 978-81-322-2400-6

Book Edited:

1. *Microbes in the Service of Mankind: Tiny Bugs with Huge Impact*. Nagpal, R.; **Kumar, A.**; Singh, R.; J.B.C. Press, New Delhi, 2014, (ISBN: 978-93-81558-85-0).
2. Textbook: *Introductory Microbiology*, Publisher: ICAR Publication, New Delhi (accepted)
3. Edited book: *Methods in Probiotics Research*, Editors: Vijendra Mishra, Leon Milner Theodore Dicks, **Tejpal Dhewa** & Jayesh Ahire. Publisher: CRC Press, Taylor & Francis Group, LLC, U.S.A. (Book proposal approved and manuscript under process; ISBN 978-1-138-62635-5).

Popular article:

1. **Anita Kumari** 2015. Nutritional value of King of Fruits. *Kurukshetra - A journal on Rural Development*.64 (2): 38-39.