

Name: Dr Anania Arjuna
Designation: Assistant Professor
Branch: Microbiology
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Educational Qualification(s):

Qualification(s)	University
MSc	Guru Nanak Dev University, Amritsar
PhD	Dr H. S. Gour University, Sagar

Experience in years:

Academic : **9 years 9 months**

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1.	Lovely Professional University	Associate Professor	21. Aug.2008	31.05.2018

Other Information:

Publications :

1. S.K.Venu Gopal, Surabhi Naik, Priti Somal, Preeti Sharma, Anania Arjuna, Riaz Ul Hassan, Ravi K Khajuria, Ghulam N. Qazi, Production of 17 Keto androstene steroids by the side chain cleavage of progesterone with *Bacillus sphaericus*, Biocatalyst and Biotransformation, 1-8, 2007.
2. Anania Arjuna and Priti Somal, Effect of extraction methods on lipids and fatty acid composition by *Mortierella ramanniana*, International Journal of Scientific and Research Publications, Volume 3(3) 1-3, 2013.
3. Anania Arjuna, Bioreactor studies on the oleaginous fungus *Mortierella Ramanniana* for the production of prostaglandin precursor gamma linolenic acid, International Journal of Pharma and Bio Sciences, July 4(3), 1007-1013, 2013.

4. Shikha Sharma, Amrinder kaur and Anania Arjuna, Antimicrobial activity of *Cuscuta Reflexa* collected in different seasons, *International Journal of Pharma and Bio Sciences*, July 4(3), 1393-1397, 2013.
5. Anania Arjuna, Enrichment of Gamma Linolenic Acid from the fungal lipids, *International Journal of science and Research Publications*, Vol 3, Issue 7, 1-2, July 2013.
6. Anania Arjuna, Effect of fermentation parameters and vegetable oils on production of gamma linolenic acid by *Mortierella ramanniana*, *International Journal of Pharma and Bio Sciences*, Oct 4 (4) 1038-1048, 2013.
7. Anania Arjuna, *Bacillus Stratosphearicus* Sp. Isolated from air samples at high Altitude, *International Journal of Pharma and Bio Sciences*, Jan 5 (1), 421-428, 2014.
8. Prashanti and Anania Arjuna, HACCP (Hazard analysis and Critical Control Point), *Indian Journal of Basic and Applied Medical Research*, Vol 4,(1), 92-105, 2014.
9. Banani Deka and Anania Arjuna, Effect of Plant Growth Regulators on in vitro propagation of *Tagetes erecta* Linn: Review. *Indian Journal of Basic and Applied Medical Research*, Vol 3(4), 15-23, 2014.
10. Banani Deka and Anania Arjuna, Effect of plant growth regulators on *in vitro* propagation of *tagetes erecta*, *International Journal of Pharma and Bio Sciences*, April 5(2), 319-332, 2014.
11. Anania Arjuna and Ekta Chitkara, Bioproduction of Docosahexaenoic Acid by the Marine protest *Schizochytrium*, *South Asian Journal of Experimental Biology*, Vol 4, (6), 283-289, 2014.
12. Anania Arjuna , Production of Polyunsaturated Fatty Acids By Fungi: A Review, *International Journal Of Pharma and Bio Sciences*, July 5 (3), 931-954, 2014.
13. Anania Arjuna and Ekta Chitkara, Oleaginous microorganisms as source of gamma linolenic acid, *International Journal of Pharma and Bio Sciences*, April 6(2), 267-279, 2015.
14. Indu Bala, Ekta Chitkara and Anania Arjuna, Mutation of Delta F508: A Major Cause of Cystic Fibrosis, *International Journal of Pharma and Bio Sciences*, April, 6 (2): 362-369, 2015.
15. Ekta Chitkara, Abdikarem Abdulahi and Anania Arjuna, Pattern of Hypothyroidism with liver Cirrhosis among Indian population, *South Asian Journal of Experiment Biology*, Vol 4, Issue 5, Page 247-251, 2015.
16. Anania Arjuna, Utilization of Alcoholic Beverage distilleray waste water for production of docosahexaenoic acid, *International Journal of Pharma and Bio Sciences*, Vol 8, Issue 4, 333-338, 2016.

17. Manpreet Kaur, Baldev Singh, Baljit Singh and Anania Arjuna, Synthesis and Evaluation of Novel Spiro[oxindolidine] Derivatives as Potent Antioxidants, Journal of Heterocyclic Chemistry, 2016.
18. Pratibha Rani, Kamaldeep Singh, Anania Arjuna and Savita Devi, Genetic Disorder Alzheimer, Asian Journal of Pharmaceutical and Clinical Research, Vol 10, Issue 12, 36-39, 2017.
19. Neha Sharma and Anania Arjuna, Fecal carriage of Extended Spectrum Beta lactamases producing Escherichia Coli in Hospitals and Community Settings: A Review, Asian Journal of Pharmaceutical and Clinical Research, Vol 10, Issue 9, 10-14, 2017
20. Dinobandhu Nandi and Anania Arjuna, Emergence and Antibiotic Sensitivity Pattern of Acinetobacter Baumannii in Hospital Facility, Asian Journal of Pharmaceutical and Clinical Research, Vol 10, Issue 3, 77-79, 2017.
21. fszH. Emmi lalaroo, Savita devi and Anania Arjuna, Bioremediation, Biosciences Biotechnology Research Asia, Vol 14(1), 367-372, 2017.

Training / Conference / Symposium Attended:

1. IUPAC International Conference on Biodiversity and Natural Products: Chemistry and Medical Applications organized by the Department of Chemistry, University of Delhi and CSIR, January 26-31, 2004.
2. An International Conference on Microbial Diversity: Current Perspectives and Potential Applications on April 16-18, 2005 organized by Department of Microbiology, University of Delhi South Campus.
3. Challenging problems in mycology and plant pathology on 2-3 rd may, 2005 organized by Indian Society of Mycology and Plant Pathology.
4. Scientific Seminar on World AIDS Day on 1 st December 2008 organized by All India Medical Laboratory Technologists Association.
5. A Faculty Awareness Program on Intellectual Property Rights And Environment Conservation on 5 th July 2012 sponsored by Punjab state Council for Science and Technology, Chandigarh .
6. International Conference on Sustainable Innovative Techniques In Civil and Environmental Engineering on 5- 6 th June, 2013 organized by Krishi Sanskriti.
7. 3 rd Annual Conference of Society of Pharmaceutical Education and Research (SPER) "Recent Trends in Pharma Industry: Bridging the Gaps in Pharmaceutical Education on 8 th March 2014.
8. 29th Annual Conference of Indian Pharmacy Graduates Association "Emerging Opportunities in Pharmacy Profession on 22-23rd November 2014.
9. Recent Trends in Biomedical Sciences 2015 held on 20 th March 2015 organized by Lovely Faculty of Applied Medical Sciences.
10. LPUNASYACON-2016 (National Conference on Amalgamation of Recent Pharmaceutical Developments in Ayurveda) dated 22-23rd April 2016.
11. International Conference of Pharmacy -2017 on "Pharmacists: Catalysts for Change" on April 7-8, 2017 organized by Society of Pharmaceutical Education and Research.
12. Workshop on Microbial Detection and Disease Diagnostics Using Real Time PCR organized by Human Resource Development Centre, LPU on February 23, 2018.

13. Recent Trends in Biomedical Sciences (RTBS 2018) organized by Department of Medical Laboratory Sciences,LPU.

Local Organizing Committee Member in

1. 3rd Annual Conference of Society Pharmaceutical Education and Research on 8th March 2014
2. 29th Annual Conference of Indian Pharmacy Graduates Association on 22-23rd Nov 2014.
3. Recent Trends in Biomedical Sciences 2015 [RTBS 15]
4. LPUNASYACON-2016 on 22-23 April 2016.
5. International Conference of Pharmacy [ICP-2017] on April 7-8, 2017.
6. Recent Trends in Biomedical Sciences (RTBS-2018) on 16 March 2018.
7. International Conference on “Commercialization of Medicinal Plant Products: Lab Techniques to Trade.”
On April 14 ,2018,organized by school of pharmaceutical Sciences, LPU,Punjab.

Awards:

1.2nd Best Poster Award in Jammu Science Congress in Nov 2006 held at Jammu University.

Invited Lecture:

1. Quality Control and Quality Management in Medical Laboratory Sciences at Innocent heart group of Institutes, Jalandhar.
2. On Proteomics in Chandigarh Chapter and Scientific Seminar on World Biomedical Laboratory Science Day on 15 April 2017 organized by All India Medical Laboratory Technologists Association State Unit, Chandigarh India.
3. Importance of First AID at Innocent heart group of Institutes, Jalandhar.
4. On Automation in Microbiology in Two days National Seminar and Workshop on Advanced Diagnostic Approaches in the Field of Medical Laboratory Technology and Management on 7 -8th May 2018 at Haldia Institute of Health and Sciences, Haldia, West Bengal,India.

Major Research Projects

- Developing Green technologies.
- Antibiotic resistance patterns of ESBLs
- Side chain cleavage of sterols
- Exploration and Exploitation of microbial wealth of North western Himalayas for novel enzymes and industrial intermediates.
- Synergistic combinations of drugs