

CURRICULUM VITAE

	Name	Dr. ANKITA SINGH, M.Sc. Ph.D.
	Designation	Jr. Scientist and Quality Control Manager
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	Contact No.	09760006993, 07983418695
<p>Currently serving DNA Labs- Centre for Research and Innovative Studies (CRIS) Parent Organization of DNA Labs- A Centre for Applied Sciences, Laxmipur, East Hope Town, Dehradun, Uttarakhand as Jr. Scientist and Quality Control Manager since November 2020 to tilldate</p>		
<p>Professional Experience</p>	<p style="text-align: center;">7.5 Years of experience in related Field (2017-2024)</p> <ul style="list-style-type: none"> ❖ Worked as Lecturer in Department of Biotechnology and Microbiology, SALS, in Uttaranchal University, Year 2020 ❖ Worked in Quality Control Department as Quality Analyst, Drugs, Raw Material Department, in Uni Medico Labs 2018-2019 ❖ Worked as Scientific Content Writer in Biotech Times, 2017- 2018 	
<p>Education Qualification's</p>	<ul style="list-style-type: none"> ❖ Doctorate in Biotechnology from Uttaranchal University, Dehradun, UK on the Topic "Study of Cell Free DNA (CfDNA), Genetic Variabilities and its Implications for the Early Characterization of Rheumatoid Arthritis in Uttarakhand Population" 2020-2023 ❖ M.Sc. in Biotechnology, Hemwati Nandan Bhauguna University (A Central University), (Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research Centre), Dehradun, UK, 2019 ❖ B.Sc. Biotechnology with CBZ, Hemwati Nandan Bhauguna University (A Central University), (Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research Centre). Dehradun, UK, 2016 	
<p>Area of Research and Interest</p>	<ul style="list-style-type: none"> ❖ Biotechnology, Clinical Microbiology and Immunology ❖ Cellular and Molecular Diagnostics/Genomics ❖ Clinical Biochemistry, Pharmacology and Nano Biomedicine ❖ Quality Control 	

<p>Government Projects</p>	<ul style="list-style-type: none"> ❖ CO-PRINCIPLE INVESTIGATOR in Government Project Entitled “Development of Diagnostics Algorithm by Studying Genetic Polymorphisms and genotypic distributions in different grades of Cervical Anomalies and Cancers due to Oncogenic Human Papilloma viruses (HPVs) and other etiological factors in females of Uttarakhand Population” Supported by Uttarakhand Council for Biotechnology, Govt. of Uttarakhand Project will be carried on in DNA Labs (2023-2025) Running Project ❖ SCIENCE ON WHEELS, CO-ORGANIZING SECRETARY, Funded and supported by Uttarakhand Science Education and Research Centre (USERC), Department of Information and Science Technology, Uttarakhand Government (2021-2024) Project Completed. ❖ CO-PRINCIPLE INVESTIGATOR in Government Project funded and supported by Uttarakhand Science Education and Research Centre (USERC), Department of Information and Science Technology, Uttarakhand Government on Schedule Tribes of Uttarakhand- Their Training and Awareness on Malnutrition and other issues to be carried out by Samvet Bharat Society, India (2023) Project Completed
<p>Publications, Conferences/Seminars/ Workshops/FDP/MDP attended</p>	<ul style="list-style-type: none"> ❖ More than 16 Publications in Scopus indexed Journals and Other Renowned Journals. ❖ 1 Patent (App No: 202311012944) on U/S 11A – 17/03/2023 ❖ Attended, Organized and Resource Person for more than 67 National State level Conference, outreach programs, Trainings and workshops, 03 FDPs and 3 International Conference. ❖ Supervised more than 400 Students of Graduate and Post graduates of various Universities and Colleges of Biomedical and Allied Sciences for Dissertation and short- and long-term Projects ❖ Resource person for various online training programs in association with Learntoupgrade and IIT zonal championships

<p>Ph.D. Guidance</p>	<ul style="list-style-type: none"> ❖ Subject Expert for Ph.D Scholar “Mr. Ritesh Srivastava” from Department of Biochemistry, GBC, Subharti Hospital, Dehradun (2022-2025) ❖ Subject Expert for Ph.D Scholar “Mr. Ashish Soni” from Department of Microbiology, NIIMS University, Jaipur, Rajasthan(2020-2025) ❖ Subject Expert for Ph.D. Scholar “Ms. Garima” from Desh Bhagat University, Punjab (2022-2025)
<p>Awards and Honours</p>	<ul style="list-style-type: none"> ❖ Third Women Science Communicator Award-2024 by Society of Pollution and Environmental Conservation Scientists (SPECS) For Communicating and working for Technical Science and Health in State of Uttarakhand on the occasion of International Women Day on 10 Feb 2024 ❖ Young Scientist Award by Uttarakhand State Council for Science and Technology (UCOST) Uttarakhand Government, by Chief Minister of Uttarakhand and Padmashri Dr. Anil Joshi Ji in 17th Rural Science Congress organized on 10th -12th Feb 2023. ❖ Young Women Scientist Award under DBT Star College Scheme Government of India, at 2 Days National Workshop in DAV PG College, Muzaffarnagar, UP. ❖ Young Researcher Award in National Workshop cum Conference in Research Scholar and Faculty Category, 2022 in 3 Days National Conference cum Workshop organized by DNA Labs – A Centre for Applied Sciences Dehradun under aegis of Uttarakhand Science Education and Research Centre (USERC), Department of Information and Science Technology Uttarakhand Government. ❖ Certificate of International English Language Olympiad with 271st International Rank, 2013 ❖ Certificate of Proficiency in First Aid course in Military Hospital, 3rd rank Dehradun, Uttarakhand, 2014 ❖ Award for NCC ‘C’ Certificate with A+ Grade, 2016 ❖ Certificate of Appreciation for voluntary in IMA Blood Bank, Dehradun, 2017&2018
<p>Extra-curricular and social activities</p>	<ul style="list-style-type: none"> ❖ Secretary and Treasurer of ASHOK (Academy of Science, Health and Knowledge) Arogya Swasthya Hetu Ouchit Kalpana, India. ❖ Part of Free Health Camps for Patients organized by various Hospitals and DNA Labs.

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED, ORGANISED & PARTICIPATED

2024

1. Co-organizer and Resource Person for 03 Days National Workshop Cum Entrepreneurship Skill Development Program on Molecular Diagnostics and its Applications in Diagnostics & Therapeutics from 20th Nov to 22nd Nov 2024 at Guru Kashi University, Talwandi Bhatinda in collaboration with DNA Labs.
2. Co-organizer and Resource Person for 2 days National Workshop on Molecular, Immunology and Bioinformatical tools and techniques at GNA University, Phagwara, Punjab in collaborations with DNA Labs.
3. Co-organizer and Resource person for 03 days National Entrepreneurship Skill Development cum Hands on Training Workshop on Molecular Biology, Bioinformatics and Proteomics: Applications from Institution to industry from 24 to 26 October, 2024 at Bareilly College, Bareilly., UP
4. Co-Organizing Secretary for 3 Days National Workshop at Moti Ram Babu Ram Government P.G College Haldwani, Uttarakhand from 03 Oct to 05 October, 2024, in collaborations with DNA Labs on Instrumentations in Molecular Biology, RDT, Proteomics & Bioinformatics: Application from Institutes to Industries.
5. Resource Person for 3 days National Workshop on Recombinant DNA Technology at KPGU Vadodara organized by e cell IIT Hyderabad Zonal Championship
6. Resource Person for 30 Hrs Value Added course in Research Ethics in collaboration with DNA Labs and Department of Medical Lab Technology, Chandigarh University, Oct 2024.
7. Trainer and Resource person for 9 Days Molecular Diagnostics Certification Course program by learntoupgarde pvt.ltd
8. Trainer and Resource person for 1 week (9 Sep to 14 Sept, 2024) online training program on NanoBiomedicine for National & International students a program by learntoupgarde pvt.ltd
9. Trainer and Resource person for 10 days (17 Aug to 6 Sept, 2024) online training program on Drug Regulatory Affairs for National students a program by learntoupgarde pvt.ltd.
10. Trainer and Resource person for 10 days (17 Aug to 8 Sept, 2024) online training program on Pharmacovigilance for National students a program by learntoupgarde pvt.ltd.
11. Trainer and Resource person for 10 days (11 July to 29 July, 2024) online training program on Pharmacovigilance for National students a program by learntoupgarde pvt.ltd.
12. Resource person for 3 days National workshop by IIT Hyderabad, zonal championship organized at MGM University, Aurangabad, Maharashtra, April, 2024
13. Resource Person and workshop coordinator for 5 days national workshop, by IIT Kharagpur, zonal championship at CGC Landran, Chandigarh
14. Trainer and Resource person for 10 days (28 March-April 2024) online training program on Molecular Biology and Chromatography for National students a program by learntoupgarde pvt.ltd.
15. Trainer and Resource person for 10 days (11 March-9 June) online training program on Food Science and Microbiology for National students a program by learntoupgarde pvt.ltd.
16. Trainer and Resource person for 10 days (11 March-9 June) online training program on Food Science and Microbiology for National students a program by learntoupgarde pvt.ltd.

17. Trainer and Resource person for 10 days(11 July to 29 July) online training program on Pharmacovigilance for National students a program by learntoupgarde pvt.ltd.
18. Co-Organizing Secretary for 2 days hands on workshop on Immunology, Serology and Microbiology at DAV College Muzaffarnagar under Star College Scheme DBT, govt of India in collaboration with DNA Labs.

2023

19. Resource Person for 02 Days National Training cum Hands on Training Program organized By School of Pharmaceutical and Population Health Informatics(SOPPHI), DIT University, Dehradun in collaboration with DNA Labs- A Centre For Applied Sciences, Dehradun and Academy of Science , Health and Knowledge(ASHOK) and Samvet Bharat Society.
20. Resource Person and Co-coordinator for 2 Day's Workshop on "Cancer Biology and Immuno Technologies and its Applications ,Diagnostics& Therapeutics" organized under agies of Star College Scheme, DBT, New Delhi, in D.A.V College, Muzaffarnagar in collaborations with DNA Labs- A Centre for Applied Sciences, Dehradun, Samvet Bharat Society and Academy of Science,Health and Knowledge(ASHOK).
21. Attended and got awarded as Young Scientist Award by Uttarakhand State Council for Science and Technology (UCOST) Uttarakhand Government, by Chief Minister of Uttarakhand and Padmashri Dr. Anil Joshi Ji in 17th Rural Science Congress organized on 10th -12th Feb 2023.
22. Awarded token of Appreciation for Judging the Oral and Poster Presentation in Seminar on
23. Diabetes Related Emergencies, Issues and Well being on this 27th Day of June 2023, at Dehradun by techno Hub Laboratories.
24. Co-Organizing Secretary for 02 Days National Training cum Hands on Training Program organized BY School of Pharmaceutical and Population Health Informatics (SOPPHI), DIT University, Dehradun in collaboration with DNA Labs- A Centre For Applied Sciences, Dehradun and Academy of Science, Health and Knowledge(ASHOK) and Samvet Bharat Society.
25. Resource Person for one day Science Popularization program in Bansthali Vidyapith, Rajasthan, 25-26 January 2023.

2022

26. Guest Speaker for 1 Day National Seminar on "Biotechnology and Covid-19 Pandemic Role of Biotechnology ain Covid Vaccine Development "Organized by UCB, Uttarakhand Council for Biotechnology in Chaman Lal Mahavidyalaya , Dept of Zoology and microbiology. 4th Dec, 2021.
27. Resource Person for 1 Day seminar on Advancement in Molecular tools, TMU, 2022
28. Conducted and organized "Scientific DNA" National Entrance Test for UG/PG Students in DAV Muzzafarnagar, U.P
29. Resource Person for 2 Days Hands on Workshop on "Expansions and Innovations in Health Sector: Translating Research to Mankind" supported by UCOST, Dehradun and organized by Pt. Lalit Mohan Sharma Campus, Rishikesh in association with DNA Labs- A Centre for Applied Sciences, Dehradun, U.K
30. Organised 1 day Hands on Workshop cum awarenss Program for Government schools in Rural

Areas of Uttarakhand under aegis of USERC and organized by CRIS- Centre for Research and Innovative Studies, Dehradun “SCIENCE ON WHEELS” in Kasturba Gandhi Balika Vidyalaya, Rotu ki Beli, Jaunpur, Tehri Garhwal, U.K on 31 March 2022

31. Attended Women Scientist Conclave organized by USERC, Dehradun, U.K on 29 March 2022.
32. Attended Teacher’s Conclave organized by USERC, Dehradun, U.K on 30th March 2022.
33. Organised Celebration of International Day of Immunology under aegis of Indian Immunology Society and support of Hinglaj Charitable Trust on Theme Role of Immuno Diagnostics for Pre- Maritals and Pregnant Females on 29th April 2022
34. Organised 03 Days National Workshop cum conference on “Biotechnology and its Applications in Disease Diagnosis, prevention, Prediction and Preparedness to combat future outbreaks” on 19,20& 21 May 2022 under aegis of Uttarakhand Council for Biotechnology (UCB) organised by DNA Labs-A Centre for Applied Sciences, Dehradun, U.K& Supported by Dolphin PG College, Dehradun, U.K
35. Young Researcher Award for the topic “Study of Cell Free DNA(cfdna), Genetic Variability’s and its Implications for the Early Characterization of Rheumatoid Arthritis in Uttarakhand Population” and in PhD/ Faculty category on 03 Days National Workshop cum conference on “Biotechnology and its Applications in Disease Diagnosis, prevention, Prediction and Preparedness to combat future outbreaks” on 19,20& 21 May 2022 under aegis of Uttarakhand Council for Biotechnology (UCB) organised by DNA Labs-A Centre for Applied Sciences, Dehradun, U.K,& Supported by Dolphin PG College, Dehradun, U.K
36. Organized 1 day Workshop cum awareness Program for Government schools in Rural Areas of Uttarakhand under aegis of USERC and organized by CRIS- Centre for Research and Innovative Studies, Dehradun “SCIENCE ON WHEELS” in GIC Tikochi, Distt. Uttarkashi, U.K on 11 May 2022
37. Organized 1 day Workshop cum awareness Program for Government schools in Himachal Pradesh organized by DNA Labs- A Centre for Applied Sciences Dehradun, U.K “SKILLS ON WHEELS” in Chajpur valley, Himachal Pradesh on 12 May 2022
38. Guest Speaker for one day National Seminar on “Uterine and Ovarian Cyst: Causes, Symptoms and Treatment- A Positive Approach towards female Health (funded by Uttarakhand Council for Biotechnology UCB)” on 28 April 2022 organized by Chaman Lal Mahavidyalaya, Dept. of zoology& commerce, Roorkee, U.K
39. Attended Two Weeks Faculty Development programme (FDP) on “Emerging Application of Computer and Statistics in Applied Science” from 18th July 2022 to 31st July 2022.
40. Organized Inter College/University Quiz Competition on 29 Aug 2022 in DNA Labs- A Centre for Applied Sciences Dehradun, Uttarakhand.
41. Organized One Day Continual Medical Education (CME) on “Microbes for Better Tomorrow” on the occasion of International Microorganism Day on 17th September 2022.
42. Attended 2 Days International Conference on “Interdisciplinary Research in Cancer Biology” ICIRCB-2022 from 22nd to 23rd September 2022, organized by UPES University, Dehradun, Uttarakhand, India.
43. Resource Person for One day seminar on “Science Popularization Program” on 12 Nov 2022, in DAV (PG) College, Muzaffarnagar, UP.

44. Resource person for one day Seminar at Guru Nanak Khalsa College, Yamunanagar, Haryana
45. Resource person for one day Seminar at Chandigarh Group of Colleges, Chandigarh, 24 Nov 2022
46. Presented Research paper in 2 days International Conference in Uttaranchal University, 25 and 26 Nov 2022
47. Resource person for one day scientific lecture event in Hemwati Nandan Bahuguna Central University, Srinagar 28 Nov 2022.
48. Resource Person for 2 Days Hands-on on Workshop on Molecular Techniques, in SHUVATS, Allahabad, UP, 30-01 November 2022.

2021

49. Resource Person and Co-organizer in 2 Days Hands on Workshop “Skills on the Wheels” on the occasion of World Tuberculosis Day as technical partner from DNA Labs- A Centre for Applied Sciences, Dehradun at PLMS, College, Rishikesh, under the aegis of UCOST, Uttarakhand Council of Science and Technology.
50. Organizer and Resource Person of Two Days Hands on Training and Conference on “Good Laboratory Practices” by USERC, Gov. of India and DNA Labs- A Centre for Applied Sciences, Dehradun, 2021
51. Attended 2 Days National Researchers Meet and Conference in Advances in Plant Researches by Plantica Foundation in Uttaranchal University, Nov 2021
52. One day State Seminar on Role of Genomics in Quality Management System in Biomedical Laboratories by Sanskriti University School of Medical and Allied Sciences, 20 Nov 2021
53. Resource Person for 1 Day seminar at Chandigarh University on “Biosafety in Bio-medical Laboratories”, Department of Medical Lab Technology on, 3 Dec 2021

2020

54. Participated in one day webinar on “Covid -19: Challenges and Opportunities in clinical Knowledge, Research and Diagnostics” on 5th May 2020, organized by DNA LABS-A Centre for Applied Sciences (DLCAS), Dehradun, U.K
55. Participated in one day webinar on “Cervical Cancer: Causative Agents, Oncovirology and Molecular Methods for its Detection and management & Vaccines for coronavirus and other types, strategies for its development” on 10th May 2020, organized by DNA LABS- A Centre for Applied Sciences, Dehradun, Uttarakhand.
56. Attended one day Webinar on “Exploitation of RNA Splicing Machinery for Anti-Cancer Therapy, Subtheme: Covid19 Menace to Mankind” held on 14th May 2020, organized by CRIS- Centre for Research and Innovative Studies, Dehradun
57. Attended one day webinar on “Food Waste Management and Importance of Medicinal Plant in Food Industry” held on 24th June 2020 organized by Department of Food Technology, SALS, Uttaranchal University, Dehradun.
58. Attended awareness programme on “Role Of Youth Against Drug Abuse, International Day Against Drug Abuse & Illicit Trafficking” held on 26th June 2020, organized by

Department of Biotechnology, School of Applied life sciences, Uttarakhand University, Dehradun, U.K

59. Participated in one day International webinar on “International Mountain Day” held on 11 Dec 2020, organized by Uttarakhand Science Education & Research Centre (USERC), Dehradun, U.K
60. Organized & Attended 3 days International Conference, NAMASTE-2020, NOVEL ASPECTS IN MEDICINES, ALLIED SCIENCES AND TECHNOLOGIES FOR NEW DEVELOPING ERA” 10th SEP-12th Sep 2020, organized by DNA LABS-A Centre for Applied Sciences (DLCAS), Dehradun, U.K
61. Co-organizing Secretary in 02 days National Workshop on “Drug Design and Development” on 24th and 25th September 2020, organized by CRIS- Centre for Research and Innovative Studies, Dehradun.
62. Participated in 3 days training on “Women Entrepreneurship” from 26 Nov 2020- 28 Nov 2020, organized by Avya Life Science pvt ltd., Kanpur, UP

2019

63. Participated in Workshop on “Women Successpreneur in the Era of Modern Science & Technology” organized by DAV College for Girls, Department of Biosciences Yamuna Nagar, Haryana, India on 5th and 6th April 2019
64. Participated in “Himalayan Diwas 2019” jointly organized by Uttarakhand Science Education & Research Centre (USERC), Himalayan Unity Mission (HUM) and Vigyan Bharti Uttarakhand.
65. Participated in 2 days National Workshop on “Channeling as Tools & Techniques to Agriculture Biotechnology, Microbiology & Molecular Biology in 21st Century” organized by KALP Laboratories, Mathura in association with Koshambi Foundation on 24-25 November 2019.

2018

66. Participated in National Conference and Continual Medical Education (CME) with 03 Credit Hours on “Current Challenges for Tuberculosis Management on World Tuberculosis Day (24th March 2018) organized by Central Molecular Research Laboratory (CMRL), in Collaboration with Uttarakhand Science Education & Research Centre, Govt of Uttarakhand (USERC)

2017

67. Attended 1 day workshop on “Advanced Tools and Techniques in Post Genomic Era” on 27th April 2017, organized by Central Molecular Research Laboratory (CMRL), Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun, U.K
68. Attended One day Workshop on “Bioinformatics: Emerging Challenges & Opportunities” organized by Uttarakhand Council for Biotechnology (UCB) July 18th, 2017, Silk Park,

2016

69. Attended National Symposium on “Perspectives on Research in Science & Health Care organized by Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research, Balawala Dehradun in association with Uttarakhand Council of Biotechnology (UCB), Haldia, U.K, on 29th, January 2016

2015

70. Participated in Chemcon, National Seminar and workshop on Advance Perspective and Challenges in Chemical Sciences, held at School of life sciences, SBSPGI, Balawala, Dehradun, (11th – 12th February 2015)
71. Participated in Bio con, Regional Training Workshop on "Water Quality Monitoring and Management, held at Department of Applied Chemistry, SBS PGI, Balawala, Dehradun, (10th– 12th March 2015)

PATENTS

Patent on “Contamination Cell free DNA cfDNA Isolation Process for early Diagnosis of Rheumatoid Arthritis” (App No: 202311012944) on U/S 11A – 17/03/2023 With DNA Labs and SALS, Uttaranchal University, Dehradun, UK.

RESEARCH/REVIEW PUBLICATIONS

1. Kumar, P., Kimothi, V., Gariya, M., Saltanat, S., Sharma, N., & Singh, A. (2024). A Narrative Review-Role of Vitamin D in CVD. *Revista Electronica de Veterinaria*, 25(1), 699-707.
2. Rani, R., Srivastava, N., Sharma, N., Poonia, K., Singh, A., & Painuly, S. (2024). EXPLORATION OF PAPAYA AND PUMPKIN WASTE PEELS FOR THEIR POTENTIAL USE AS AN ORGANIC HERBICIDE. *Biochemical & Cellular Archives*, 24(1).
3. Ankita Singh, Indra Rautela, Ajay Singh, Narotam Sharma et.al, SARS COVID-19'S CLINICAL IMPACT ON RHEUMATOID ARTHRITIS PATIENTS DURING THE THIRD WAVE IN DEHRADUN *Eur. Chem. Bull.* 2023,12(7), 1654 – 1668.
4. Singh, Ankita, Madhu Kaushik, Swati Sinha, Ravindra Kumar Kachhap Oraon, Narotam Sharma, and Indra Rautela. "Herbal Allies for Rheumatoid Arthritis: A Comprehensive Review of Natural Products." *Plant Science Today* (2023).
5. Ankita Singh, Palak Varma, Arpita Singh, et al./Applications of Microbial Enzymes: The Need of an Hour/*Indian J Genet Mol Res.* 2023; 12(2):61–74.
6. Rana, A., Singh, A., Sharma, N., Kamboj, K., Kumar, V., & Soni, A. (2023). Clinical Utility of Vitamin D3 As Potent Biomarker in Cardiovascular and Liver Disorders. *Journal of Advanced Zoology*, 44.
7. MYCOBACTERIUM TUBERCULOSIS AND DNA FINGERPRINTING: A VITAL TOOL FOR TRACKING OUTBREAKS. (2023). *Journal of Population Therapeutics and Clinical Pharmacology*, 30(11), 509-520. <https://doi.org/10.53555/jptcp.v30i11.4539>
8. Singh, A., Gurada, N. C., Mahendru, N., Kashyap, A., Bhanu, S., Sharma, N., & Kaushik, R. The Vax effect: Role of global vaccination initiatives in pandemic control and impact in Dehradun during COVID-19.
9. Singh, A., Rautela, I., Sharma, N., Singh, A., Sharma, N., & Vishen, A. S. (2022). PARADOXICAL CORRELATION OF LIPIDS IN SUSPECTED UNTREATED RHEUMATOID ARTHRITIS PATIENTS OF UTTARAKHAND. *Journal of Pharmaceutical Negative Results*, 3544-3551.

10. Thapa, P., Utkarsh, K., Maurya, S., Pandey, D. P., Sharma, N., & Singh, A. Diabetic Profiling during lockdown due to COVID-19 disease: Clinical Relevance.
11. "The process of Cell Division Mechanism: Normal cell versus Cancerous Cell", International Journal of Novel Research and Development (www.ijnrd.org), ISSN:2456-4184, Vol.7, Issue 10, page no.692-702, October-2022, Available :<http://www.ijnrd.org/papers/IJNRD2210085.pdf>
12. Antibacterial Property of Crude extract of Phaseolus Vulgaris Plant Against Pathogenic E. Coli Causing Urinary Tract Infections (UTI)", International Journal of Novel Research and Development (www.ijnrd.org), ISSN:2456-4184, Vol.7, Issue 10, page no.631-639, October-2022, Available: <http://www.ijnrd.org/papers/IJNRD2210080.pdf>
13. Overview of SARS-CoV-2, it's detection and diagnostic algorithm: A Review Ashish Arora, Ankita Singh, Narotam Sharma, Kumar Utkarsh, 2021 IJRAR November 2021, Volume 8, Issue 4
14. Vishal Rajput, Ahasanul Karim Shah, Ankita Singh, Lata Paliwal and Richa Gaur (2020); SERUM METABOLITES ANALYSIS ON ENDURANCE OF FRESH WATER FISH DUE TO REGULAR EXERCISE ROUTINE Int. J. of Adv. Res. 8 (Aug). 1124-1130] (ISSN 2320-5407). www.journalijar.com
15. Assessing the significance of the Beta action gene in tuberculosis diagnosis: an analytical study utilizing anal fistula specimens. Accepted in Research Journal of Biotechnology from world researchers' association
16. Oral and Liver Cancers: Paradigm in Diagnostics Methodologies, accepted and publishing in November issue in Indian Journal of Genetics and Molecular Research
17. A Comprehensive review on polycystic ovarian syndrome (PCOS) in women- An update, Communicated, Under Review
18. Research Paper on Addressing Diagnostic Gaps in Tuberculosis: The Role of IS6110 and MPB64 in Pulmonary and Extrapulmonary TB and Importance of NAATS and Multidimensional Testing's, Communicated, Under Review
19. Review paper on The Evolution of Mycobacterium tuberculosis: Historical Perspectives, Prevalence Dynamics, and Challenges in Drug Resistance Communicated, Under Review

ONGOING INTRAMURAL RESEARCH PROJECTS

1. Study of non-Invasive samples and its proficiency in detection of different malignancies in association with Gautam Buddha Chikitsalaya (Subharti Hospital), Dehradun, UK
2. Comparative analysis Treatment effect on Hepatitis C Virus affected Patients and lifestyle-based liver disorders and related co-morbidities.
3. The study of Drug resistance pattern in various pathogenic microbes and their growth sensitivity against each other.
4. Isolation and Genome Sequencing of Probiotics from various vegetables and fruits and study of their efficiency for better probiotic activity
5. Study of various Genetic markers associated with male infertility and related clinical co-morbidities
6. Identification of Various Genes for PCR based diagnosis of Anxiety and Bipolar Disorders and epidemiological survey in Uttarakhand, Dehradun, UK
7. To Study the Clinical Correlation of C-Reactive Protein, ESR And RA Factor For Characterization Of Autoimmune Diseases (Rheumatoid Arthritis)
8. Analyzing The Activity of Phytochemicals Therapy Against *Proteus Mirabilis* Blood Stream Infections.
9. Epidemiology and Psychological Survey of Haridwar population On SARS COV-2.
10. Vitamin D and Its Association with Diabetes Miletus and other Autoimmune Disorders
11. Oil, Cellulose, Silica Extraction from Bio-waste and Its Comparative Study as Biofertilizer For Plant Growth and Their Antibacterial property.
12. Enumeration Isolation and Characterization of Water Pollutant In Surface Water of Different Regions of Uttarakhand.

I hereby assure that above information are to the best of my knowledge.

Dr. Ankita Singh