

Publications

Publications

- Nidhi Nagariya, **Kaushal Chaudhari**, Vihas T. Vasu (2021), Circadian disruption in lung cancer, *Chronobiology International*, 38:12, 1797-1808, DOI: 10.1080/07420528.2021.1963759, PMID: 34369216
- Sapna Barad, **Kaushalkumar Chaudhari**, H. Roy, Ray J. Butcher, R.N. Jadeja (2023), Acylpyrazolone based Square pyramidal Cu(II) complexes: Synthesis, Structural characterization, DFT and antiproliferative properties, *Inorganica Chimica Acta*, Volume 559, 121794, ISSN 0020-1693, <https://doi.org/10.1016/j.ica.2023.121794>.
- Sapna Barad, **Kaushalkumar Chaudhari**, R.N. Jadeja, H. Roy, Duane Choquesillo-Lazarte (2023), Square pyramidal Cu(II) acylpyrazolone complex: Synthesis, characterization, crystal structure, DFT and Hirshfeld analysis, in-vitro anti-cancer evaluation, *Journal of Molecular Structure*, Volume 1294, Part 2, 136345, ISSN 0022-2860, <https://doi.org/10.1016/j.molstruc.2023.136345>.
- Sapna Barad, **Kaushalkumar Chaudhari**, R.N. Jadeja, H. Roy, Ray J. Butcher (2023), Cytotoxicity assay and gene expression study towards SH-SY5Y neuroblastoma cell line of new Acylpyrazolone based Square Planer Cu(II) complexes: Synthesis, Characterization and Computational study, *Journal of Coordination Chemistry*. <https://doi.org/10.1080/00958972.2023.2289004>

Conferences & Workshops

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1. Attended and presented a poster entitled “Regulation of Tripartite Motif 34 (TRIM34) expression by Interferons in Lung Adenocarcinoma” at the 5th International Conference on Nutraceuticals and Chronic Diseases (INCD 2022) on 7-9 October 2022, at the Department of Zoology, University of Delhi, Delhi, India.
2. Oral presentation entitled “Type I interferon-dependent TRIM34 expression induces Apoptosis in Lung Adenocarcinoma” at the 6th National Conference on Current Trends in Biological Sciences (CTBS 2023) on 7th January 2023, at the Department of Biosciences, Sardar Patel University, Anand, Gujarat, India.
3. The Workshop on Electron Microscopy (FEG-SEM & TEM) took place from October 10, 2019, to October 11, 2019, at the Sophisticated Instrumentation Centre for Applied Research & Testing (SICART) in Vallabh Vidyanagar, Anand.
4. A Short-term Hands-on Training Programme on Application of Real-Time PCR was conducted from November 25, 2019, to November 29, 2019, hosted by Kamdhenu University and Gujarat Biotechnology Research Centre (GBRC) in Gandhinagar.
5. An International Online Conference on COVID-19 was held on April 30, 2020, lasting for one day and organized by the Department of Bioscience at Manipal University Jaipur.
6. Host Immunity and COVID-19 was the focus of an online conference held on May 16, 2020, at Mahamaya Govt. Degree College in Dhanupur, Prayagraj.
7. Development of Viral Vaccine and Other Preventive Measures in Pandemic: A One-Day Online Event Hosted by the Department of Microbiology and Biotechnology at Gujarat University, Ahmedabad on May 17, 2020.
8. An Online Course on DNA Taxonomy and Phylogeny took place from May 21, 2020, to May 23, 2020, hosted by SATHYABAMA Institute of Science and Technology in Chennai.
9. Online Gel-Based Proteomics Workshop by Amazing Biotech Pvt. Ltd. in Chennai from June 21 to June 25, 2020.
10. International Webinar on Modern Trends in Experimental Research: Insights from Regenerative Medicine and Metagenomics was organized by the Quality Assurance Cell, Faculty of Science, and Institute for Interdisciplinary Studies at The M.S. University of Baroda, Vadodara, on May 30, 2020, to May 31, 2020.
11. Ensembl Browser and REST API Course: Hosted by Nextgenhelper in New Delhi from November 17 to November 20, 2020.
12. Online Industrial Training in Bioinformatics, Genomics, and Data Sciences: Offered by Nextgenhelper in New Delhi from February 19 to February 27, 2021.

13. Online Workshop on Flow Cytometry: Organized by the Research and Training Wing at Drawing Pin Publishing in New Delhi from March 8 to March 10, 2021.
14. Online International Bioinformatics Workshop on Genome Informatics: Presented by Decode Life in Haryana from April 5 to April 21, 2021.
15. Statistical Data Analysis Using SPSS: Online Training Program by Science Tech Institute in Lucknow from May 21 to May 27, 2021.
16. Animal Cell Culture & Flow Cytometry Workshop: Hosted by Gujarat Biotechnology Research Centre & Ahmedabad University from September 27 to October 1, 2021.
17. National Symposium “FACETS OF BIOCHEMISTRY” held on September 21, 2023.