

1. **Name of the Employee:** Dr. Gauri Misra
2. **Email id:** gauri.misra@nib.gov.in
3. **Designation:** Scientist Grade-II, Head
4. **Division/LAB:** SRRDU
5. **Educational Qualification:** Ph.D.
6. **Year of Joining:** 2nd May 2019
7. **Professional Experience:** (Years and Details in brief)



More than ten years of experience in the field of Research and Teaching involving several prestigious institutions in India and abroad with research expertise in Immunodiagnostics/ Cancer biology/ Bioinformatics.

- ✓ **Assistant Professor** at Amity University, Noida (U.P.) India (Oct.2012-May 2019).
- ✓ **Assistant Professor** at HYGIA Institute of Pharmaceutical Education and Research, Lucknow (U.P.) India (Sept. 2011-Oct. 2012).
- ✓ **Postdoctoral fellow** at CHUL Research Centre, Quebec, Canada (Mar. 2010 - July 2011).
- ✓ **Research Scientist** at Biotech Park, Lucknow (U.P.) India (Oct. 2009 - Feb. 2010).

8. Salient Research Achievements:

RESEARCH PROJECT: ICMR funded project as PI titled “Evaluating the potential of new chromone derivatives against human Great wall kinase for cancer therapy using comparative cell based and proteomics investigations”, Budget: 66.65 lakhs, 2019-2022

PATENT: Patent file no. 201811039753, Title: Anticancer compounds targeting human cell cycle regulating kinase.

Ph.D. supervision: 01 as guide, 01 as co guide

9. PUBLICATIONS (All publications are Scopus Indexed)

1. Rajesh Pal, Amit Kumar, **Gauri Misra*** (**Corresponding author**). Briefings in Bioinformatics (accepted), Impact factor: 8.990, **citations: 01**, ISSN 1477-4054
2. Umami Ammarah, Amit Kumar, Rajesh Pal, Naresh C. Bal, **Gauri Misra*** (**Corresponding author**). *Nature Scientific reports*, volume 8, Article number: 4894(2018) **citations: 15**, Impact factor: 4.011, ISSN:2045-2322
3. **Gauri Misra***, Shipra Gupta, Neetu Jabalia. Interdiscip Sci Comput Life Sci, 2016, volume 10 (3): 476-485 * **corresponding author. citations: 01**, Impact factor: 1.418, ISSN: 1913-2751
4. **Gauri Misra** and Ravishankar Ramachandran. BBA: Proteins and Proteomics, 2010, 1804:2146-2152 **citations: 08**, Impact factor: 2.773, ISSN: 1570-9639

5. **Gauri Misra** and Ravishankar Ramachandran. Biophysical Chemistry, 2009, 142:55-64, **citations: 40**, Impact factor: 2.402, ISSN. 0301-4622
6. **Gauri Misra**, Anita Aggarwal, Divya Dube, Mohd S. Zaman, Yogendra Singh & Ravishankar Ramachandran. **Proteins: Structure, Functions and Bioinformatics, 2009, 76:496-506) citations: 13**, Impact factor: 2.499, ISSN: 1097-0134
7. **Gauri Misra**, Anita Aggarwal, Soniya Mittal, Yogendra Singh and Ravishankar Ramachandran. Acta Cryst Sec. F, 2007, 63 :1084-1086, **citations: 02**, Impact factor: 0.647, ISSN no. 2053-230X
8. Shipra Gupta, **Gauri Misra**, Mohan C. Pant, Prahlad K. Seth. **Journal of Molecular Modelling, 2011, 17(12):3047-56) citations: 13**, Impact factor: 1.425, ISSN no. 1610-2940
9. Shipra Gupta, **Gauri Misra**, Mohan C. Pant, Prahlad K. Seth. **Protein and peptide letters 2012, 19(9):955-68) citations: 09**, Impact factor: 0.964
10. Shipra Gupta#, **Gauri Misra#**, Mohan C. Pant, Prahlad K. Seth. **Protein and peptide letters**, 2012, 19(12):1302-17 # Co first authors **citations: 09**, Impact factor: 0.964, ISSN no. 0929-8665
11. Amit Kumar, Harapriya Chakravarty, Naresh C. Bal, Tuniki Balaraju, Nivedita Jena, **Gauri Misra**, et al. Molecular BioSystems, 2013, 9:1949-57, **citations: 22**, Impact factor: 2.92, ISSN no. 1742206X
12. Shipra Gupta#, **Gauri Misra#**, S. M. Paul Khurana. International Journal of Bioinformatics Research and Applications, 2015,11(5):462-7, **citations: 01**, ISSN no. 1744-5485
13. Wanhong He, **Gauri Misra**, Tang Li; Ruixuan Wang, S X Lin. Gene, 2016, 588(1): 54-61. **Citations: 24**, Impact factor: 2.319, ISSN no. 0378-1119
14. Rajesh Pal, **Gauri Misra***, Puniti Mathur. *7th International Conference on Cloud Computing, Data Science & Engineering - Confluence*, Noida, 2017, pp. 381-386. doi: 10.1109/CONFLUENCE.2017.7943179 * **Corresponding author, Citations: 02**
15. Kabita Tripathy, Vandana Rai, Balwant Singh, **Gauri Misra**, Nagendra Singh. Database, 2018 doi.org/10.1093/database/bay058. **citations: 04**, Impact factor: 3.683, ISSN no. 0378-1119
16. Swati Sharma, Iiti Garg, **Gauri Mishra** et al. Insights in Clinical and Cellular Immunology, 2019, pp: 7-15. Impact factor: 2.06, ISSN no.2640-2793
17. P. Srivastava, R. Pal, **G. Misra***. 2018 International Conference on Bioinformatics and Systems Biology (BSB), Allahabad, India, 2018, pp. 40-43. Doi: 10.1109/BSB.2018.8770603. ***Corresponding author, citations: 03**
18. Kabita Tripathy, Vandana Rai, Balwant Singh, **Gauri Misra**, Nagendra Singh. Indian J. Genet., 79(3), 2019. **Citation: 01**, Impact factor: 0.465, ISSN no. 0019-5200

Books (ALL INTERNATIONAL PEER REVIEWED)

19. **Editor** of International book titled “Introduction to Biomolecular Structure and Biophysics” published by **Springer Nature** (ISBN no. 978-981-10-4967-5), 2017, **Citations: 06**

20. **Editor** of International book on “Omics approaches, Technologies And applications” for **Springer Nature** (ISBN no. 978-981-13-2924-1), 2019, **citations: 07**

21. **Editor** of International book on “Data processing handbook for complex biological data sources” for **Elsevier** (ISBN no. 978-012-816-548-5), 2019, **citations: 05**

22. **Editor** of International book on “Molecular Advancements in Tropical Diseases Drug Discovery” for **Elsevier** (ISBN no. 9780128212028), 2019.

23. **Editor** of International book on “*Protocol Handbook for Cancer Biology*” for **Elsevier** (ISBN no. 9780323900065) Published Date: 1st May 2021, Page Count: 250), 2021.

Book Chapters: (in International peer reviewed books)

24. “*Protein Structure and function*” in the book “*Introduction to Biomolecular Structure and Biophysics*” published by **Springer Nature** (ISBN no. 978-981-10-4967-5), 2017.

25. Misra, G., 2018. *Microscopic Perspectives on “Macromolecular Interactions: Proteins and Nucleic Acids”*. **Elsevier**, Reference Module in Chemistry, Molecular Sciences and Chemical Engineering Module in Chemistry, Molecular Sciences and Chemical Engineering.

26. Misra, G., 2019. “*Fluorescence spectroscopy*” in the book “Data processing handbook for complex biological data sources” for **Elsevier**.

27. Md. Tashfeen, Gauri M., Bhaswati B. 2019. “*Circular Dichroism*” in the book “Data processing handbook for complex biological data sources” for **Elsevier**, **citations: 01**

28. Leonardo Vazquez and Gauri Misra 2019. “*Nuclear Magnetic Resonance*” in the book “Data processing handbook for complex biological data sources” for **Elsevier**.

29. Misra, G., Neetu J., 2019. “*In silico Modeling and Drug Designing*” in the book *Cutting Edge Techniques in Biophysics, Biochemistry and Cell Biology: From Principle to Applications*’ for **Bentham Sciences**.

10. Honors and Awards:

- **2018** Travel grant from Wellcome Trust to attend Parasite database resources course in Malaysia.
- **2018** Best Scientific Presentation Award (Young Scientist) in International Conference on “Trends in Biochemical and Biomedical Research”, Banaras Hindu University, Banaras, India.

- **2017** Travel grant from Tata Education and Development Trust, Mumbai to attend the Wellcome trust advanced course on Proteins interactions and networks at Wellcome genome campus, Hinxton, Cambridge, UK.
- **2014** Selected as visiting scientist under ***INSA-Bilateral Exchange Programme***, to visit The Israel Structural Proteomics Center situated at Weizmann Institute of Science, Rehovot, Israel
- **2009** ***Eli-Lilly Asia Outstanding Thesis Award***, (First prize).
- **2008** Best ***oral presentation award*** at the “National seminar on Crystallography-37” Jadavpur University, Kolkata, 6-8th February.
- **2003** Qualified ***GATE***, March.
- **2002** Awarded ***CSIR fellowship*** in National Eligibility Test, December.
- **2002** Topped ***in Master of Science*** (Biochemistry), Dr. B. R. A. University, Agra.
- **2000** ***Gold medalist*** in “Bachelor of Education”.

11. Seven International visits for scientific assignments, numerous invited talks.