

CURRICULAM VITAE

Rubi Solanki
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Uttar Pradesh- 201309

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Career Objective: Seeking a place to nurture my skills & abilities, offering professional growth while being resourceful, innovative & flexible.

Educational Qualification:

Examination	Board/ University	Year of Passing	Subject	Division	%
X th	HBSE (Ujjwal Senior Secondary School)	2003	English, Hindi, Math, History, Geography, Computer, Science.	1 st	76%
XII th	CBSE (Shambhu Dayal Modern School)	2006	English, Informatics Practices, Biology, Physics, Chemistry.	1 st	62.8%
Graduation B.Sc. (Bioinformatics)	MDU, Rohtak	2009	Bioinformatics	1 st	70.78%
Post Graduation M.Sc. (Bioinformatics)	Jamia Millia Islamia, New Delhi	2011	Bioinformatics	1 st	66.5%
B.Ed.	MDU, Rohtak	2013	Teaching of Life Sciences, Teaching of Physical Sciences	1 st	64.3%
M.Phil. (Interdisciplinary Research in Basic Sciences)	Jamia Millia Islamia, New Delhi	2016	Bioinformatics	1 st	62
Ph.D. (Bioinformatics)	Jamia Hamdard, New Delhi	2017- 2023	Bioinformatics	awaited	awaited

Professional Achievement:

1. Qualified GATE (Life Sciences), Botany and Biochemistry, 2013 with >95 percentile .
2. Qualified CTET 2013, 2019.

Worked on following topics in past:

Project Name: Functional Annotation of Putative Hypothetical Proteins from *Chlamydia trachomatis* D/UW-3/Cx

At: Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi during M.Phil.

Duration: 1 year

Team: Individual work

Project Name: Computer Aided Drug Designing for FLT3 responsible for Acute Myelogenous leukemia.

At: ISSA, Defence, Research & Development Organization(DRDO), New Delhi During M.Sc

Duration: 6 months

Team: Individual work

Project Name: Phylogenetic Analysis of Xa21 Gene in Rice and other Species

At: Institute of Integrative Bioinformatics (IOIB), Jaipur, during B.Sc.

Duration: 2 months

Team: Individual work

Ph.D. work: Biomarkers identification for Cancer using Machine Learning approaches

Publications:

1. Solanki, R., Singh, P., Beg, M. A., Dohare, R., Verma, A. K., Ahmad, F. J., Alankar, B., Athar, F., & Kaur, H. (2023). Combined transcriptomics and in-silico approach uncovers the role of prognostic biomarkers in hepatocellular carcinoma. *Human Gene*, 35, 201154. <https://doi.org/10.1016/j.humgen.2023.201154> (SCI)
2. Singh, P., Solanki, R., Tasneem, A., Suri, S., Kaur, H., Dohare, R., Screening of miRNAs as prognostic biomarkers and their associated hub targets across Hepatocellular Carcinoma using survival-based bioinformatics approach. *Journal of Genetic Engineering and Biotechnology*. Manuscript No. JGEB-D-23-00029 (Under Review)(SCI)
3. Rubi, Ahmad, F. J., Alankar, B., Kaur, H., Cancer Biomarkers Identification from the Transcriptomic data using Supervised Machine Learning Approaches (2022), Book: Intelligent Data Analytics, IoT, and Blockchain, Chapter No. 26, link: <https://www.routledge.com/Intelligent-Data-Analytics-IoT-and-Blockchain/Alam-Alam/p/book/9781032442785> (SCI)

4. Solanki, R., Ahmad, F. J., Alankar, B., Kaur, H., Supervised Learning in Diagnosis, Prognosis, and Identification of Subtypes of Cancer, Conference: 2022 5th International Conference on Contemporary Computing and Informatics (IC3I)
DOI: 10.1109/IC3I56241.2022.10073444 (SCI)

5. Naqvi, A. T., Rahman, S., Solanki, R., Khan, F. Z., Kumar, K., Choudhary, H., Jamal, Md., Kim, J., Hassan, M. I., Genome analysis of Chlamydia trachomatis for functional characterization of hypothetical proteins to discover novel drug targets (2016), International Journal of Biological Macromolecules, DOI: 10.1016/j.ijbiomac.2016.12.045 (SCI)

6. Chauhan, R., Bhattacharya, J., Solanki, R., Ahmad, F. J., Alankar, B., Kaur, H. GUD-VE Visualization Tool for Physicochemical Properties of Proteins, MethodsX (Elsevier), Manuscript Id: MEX-D-23-00048R1 (Accepted with revision) (under Review)

Conferences, Workshops, Symposiums

- Oral Presentation was given on “Cancer Biomarkers Identification from the Transcriptomic data using Supervised Machine Learning Approaches” International Conference on Recent Advances in Computer Science and Engineering (ICRACSE-2022), Jamia Millia Islamia, New Delhi in November 2022
- Oral Presentation was given on “ Supervised Learning in Diagnosis, Prognosis, and Identification of Subtypes of Cancer” in 5th International Conference on Contemporary Computing and Informatics (IC3I) Amity University, Greater Noida, in December 2022
- Attended international webinar on “investigating the role of nanoparticles as antimicrobial and anticancer agents” organized by Institute of Applied Medicines & Research, Ghaziabad, UP on 16th June 2020
- Poster was presented on the topic “Network-based module biomarkers identification in association with survival in hepatocellular carcinoma”. In ISIDDD-19, Jamia Hamdard in January 2019
- Attended workshop on Molecular Imaging and Drug Delivery organized by SIST, Jamia Hamdard, New Delhi in March 2018
- Attended Faculty Development Program on MATLAB R2017b features and updates, organized by SEST, Jamia Hamdard in February 2018
- Presented poster on “In silico Functional Annotation of Putative Conserved Protein from Neisseria gonorrhoeae” by Rubi, Kundan Kumar, Faizan Ahmad and Md. Imtaiyaz Hassan on National Symposium on Biophysics and Golden Jubilee Meeting of the Indian Biophysical Society, Jamia Millia Islamia in February 2015
- Attended National Symposium on Vector Biology and Vector Management, Deshbandhu College(University of Delhi)in February 2015

- Attended National Conference on Recent trends in Molecular Virology, Jamia Millia Islamia, New Delhi in November 2014
- Presented poster on “Physiochemical study on the BSA-surfactant interaction in aqueous medium” by Md. Naushad Khan, Neha Maurya, Mazharul haque, Rahat Ali, Ayesha Tazeen, Qambar Hassan, Meenu Sharma, Aftab Alam, Seeba Naaz, Rubi, Md. Amir, Zeenat Khatoon and Rajan Patel on National Conference on Recent Trends in Protein Structural Biology, Jamia Millia Islamia, New Delhi in December 2013
- Attended seminar on National Conference on Interface between Biology and Chemistry (2009), Jamia Millia Islamia, New Delhi.
- Attended National Conference on Biotechnology(2007), MDU, Rohtak, Haryana.

Personal Skills:

- Willingness to learn
- Good verbal & written communication skills
- Enjoy Team Work & challenges
- Hard working

Interests:

- Listening to Music
- Singing
- Reading
- Chatting with people

Extra Curricular Activities:

- Participated in cultural programs at school and college level.
- Participated in various competitions at school level and also anchored in many functions.

Strengths:

- Positive attitude
- Confidence
- Honesty
- Enthusiastic

Personal profile:

Name : Rubi Solanki
 Father's Name : Mr. Ram Chander
 Mother's Name : Mrs. Vimla Devi

Date of Birth : 5th Feb1988
Sex : Female
Marital Status : Married
Nationality : Indian
Religion : Hindu
Languages Known : Hindi & English

Declaration:

I hereby declare that the information furnished above is true, complete and correct to the best of my knowledge and belief.

Place: Sonapat, HR

Rubi Solanki