

Curriculum-Vitae

Mohan Kumar

At-Vill-Tunmalki, P.O-Orkhar, P.S-Dhanwar, Dist-Giridih,
Jharkhand-825412
Contact No: +91-9462030864
Email: mohank087@gmail.com

Education Qualification:

Qualification	Specialization	School/ Board/ University	Results (%)	Session
Ph.D	Biotechnology	Maharaj Vinayak Global University, Jaipur	-	2016- -
M.Sc.	Bioinformatics	Jaipur National University, Jaipur	69.29	2013-2015
B.Sc.	Bioinformatics	Jaipur National University, Jaipur	67%	2010-2013

Technique Proficiency:

- Operating system: windows xp, window7, windows 8 and Linux.
- Microsoft office package.

Knowledge of Dry lab:

- Sequence Alignments.
- Modeling of protein.
- Prediction of Protein-protein binding site.
- Docking.
- Gene annotation.
- Dynamic Simulations

Knowledge of Programming Languages:

- C
- C++.
- **PERL.**
- SQL AND ORACLE.
- JAVA.

Dissertation:

- Six month project Research at **University of Calcutta** on “**Modelling of systemin binding interaction with its putative receptor SR160**” under the supervision of Dr. Ansuman Lahiri(2015).

Basic Knowledge of Wet Lab:

- DNA Isolation.
- SDS PAGE.
- And other basic knowledge.

Conferences and Seminar:

- Certificate of participation in hands on training on “Bioinformatics tools and techniques for gene and protein analysis” sponsored by department of biotechnology ministry of science and technology government of India at guru Jambheshwar university of science & technology Hisar (March 2014)
- Certificate of participation in National conferences on “Geographical Indications - Application Filing and Awareness Program” held at Amity University Rajasthan, Jaipur (March 2014)
- National Workshop Cum Symposium on Mobile Phone Hazards(March 2012)
- A one day seminar on ‘Biotechnology innovation, its need and promotion’ at Dr.B.LAL *Institute of Biotechnology*(may 2014).
- National Conference on Bioprocess technology: basics, Advancements & Challenges at JNU Jaipur(sep. 2014).

Research Publications:

- Sumit Govil, Anop Singh Ranawat, **Mohan Kumar Yadav**, Mahima Tiwari, Divya Srivastava, Shailesh Kumar^{2*}(2014) In-silico 3D Structure Modeling of IpLA7 Protein of *Borrelia burgdorferi* using Homology Modeling. **IJPTB**. 2014; 1(1):28-33.
- Anop Singh Ranawat, **Mohan Kumar Yadav**, Anoop Kumar Vaishya and Sumit Govil (2014) Retrieval and Statistical Analysis of Genbank Data (RASA-GD). *BioIT journals*. 2014,5(3)206-209.
- Orthologs Genes Finding Using Computational Approach (accepted in INROADS (Vol. 3, No. 2, Dec 2014))
- **Mohan Kumar Yadav**, Sumit Govil, Shailesh Kumar (2015) Interaction pattern of Systemin with SR 160 receptor for activation of wound defensive gene. **IJPTB**. 2015; 2(3):17-20.

Extra-curricular activities:

- Participated in various science exhibitions.
- Secured 3rd position in poster presentation INDIAN SCIENCE CONGRESS ASSOCIATION at Dr.B.LAL *Institute of Biotechnology*(Jan. 2014)
- Participated in various indoor and outdoor games.

Membership:

- **MEMBER OF INDIAN NATIONAL SCIENCE CONGRESS ASSOCIATION FROM 2013.**

References

Prof. Divya Shrivastava
Phone no.: +91-9351288092
E-mail: dr.divyashrivastava@hotmail.com

Declaration:

I hereby declare that the above information is correct to the best of my knowledge.

Date: 12/03/2016

MOHAN