



**International Conference on - Frontiers in Nutrition and Medical Genomics  
and Drug Discovery (Inbix22)  
Department of Biotechnology  
Vignan's Foundation for Science, Technology & Research (Deemed to be  
University) Under the Aegis of Bioclues**

**Level of event:** International

**Title of Conference:** International Conference on - Frontiers in Nutrition and Medical Genomics and Drug Discovery (Inbix22)

**Dates of the event:** October 31 - November 1-2, 2022

**Name of the Scientific Society:** Bioclues.org

**Venue/organizing Institution with full address:** Vignan Foundation for Science Technology & Research Deemed to be University, Vadlamudi, Guntur, Andhra Pradesh

**Name and full address of the office bearer:** Dr. N. Jalaja, Convener, Associate Professor, Department of Biotechnology and Bioinformatics, Vignan Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi, Guntur, Andhra Pradesh

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**Year of Establishment:** 2009

**Whether registered (if applicable) under the Registration of Societies Act:** Yes, as per Registrar of Societies, Andhra Pradesh.

**Summary of the activities undertaken by the Organisation and its future programmes**

- VFSTR organizes weekly webinars by eminent speakers for introducing the latest technologies.
- Also organized hands-on practical session on Machine learning and its applications
- Organized International Symposium on Bioinformatics to promote bioinformatics as an intensive tool for the understanding of biological information in virus, bacterium, plant and



human.

- International Conference on - Frontiers in Nutrition and Medical Genomics and Drug Discovery (Inbix22). The conference would be organized for 2 days followed by 1 day workshop. Emerging areas like nutrigenomics and medical genomics aided with drug discovery would be covered at length and breadth in the conference. The workshop would be conducted as parallel sessions with focus on CRISPR, Drug discovery and Galaxy. Expecting 4 eminent international speakers including a Nobel Laureate.

### **Conferences/Seminars/Symposia organized in the last three years and their outcome/follow-up**

#### **action: journals and publications.**

- Machine learning applications in drug discovery: Basic to advanced (2021)
- Annual meeting of AP Akademi of Science (2020)
- International Symposium on Bioinformatics - InsyB (2020)
- Changing Horizons in Combating COVID-19 (2020) -
- Webinars (2020) with eminent speakers - Dr. Nese Sreenivasulu, IRRI, Philippines; Dr Rajeev K Varshney, ICRISAT; Dr S Venkata Mohan, IICT; Prof. J.S.S. Prakash Babu, UOH; Dr. Ashutosh K. Shukla, CIMAP; Prof. P. Anand Kumar; IIRR
- International Conference on Environment sustainability and human health (2019)

**Event website:** [www.vignan.ac.in](http://www.vignan.ac.in); [www.inbix.bioclues.org](http://www.inbix.bioclues.org)

#### **Broad outlines with scientific theme-wise**

1. Agricultural genomics
2. Nutrigenomics
3. Advances in Bioinformatics and systems biology
4. Medical Genomics and Translational Omics
5. Advances in proteomics and structural biology

#### **Expected number of participants**

(All) Indians: 450

Overseas delegates: 50

#### **Scope and the utility of proposed Event**

Research in the fields of genomics and drug discovery has gained momentum within the Indian subcontinent over the last several years. As a result, nutrigenomics, medical genomics, and drug



discovery have ushered an exciting phase in the genomic technologies shadowed by systems biology and synthetic biology approaches. The facets of genomics are wide and so are the strategies for leveraging it. Indian bioinformatics community is pretty large and loaded with impeccable research. It is time we all joined hands together to discuss the “I” in Indian bioinformatics spectrum. Having brought several virtual conferences and events together with Bioinformatics.org on bioinformatics to the sub-continent, VFSTR announces the Indian Conference on Bioinformatics (Inbix'22). We, the international conference organizers hope this opportunity will not only foster interactions and collaborations among practitioners but will also allow young researchers interact with the world leaders, who are among the top researchers in the genomics and computational biology.

### Keynote Speakers with Nationality

1. Dr. Richard J Roberts, Nobel Laureate, NEB, USA
2. Dr. D. P. S Verma, Ohio State University, USA
3. Dr. Krishna Ella, Bharath Biotech, India

### Confirmed Speakers with Nationality

Keynote speakers:

1. Dr. Richard J Roberts, Nobel Laureate, NEB, USA
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3. Dr. Krishna Ella, Bharath Biotech, India

Invited speakers:

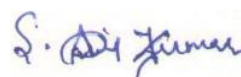
1. Dr. Nese Srinivasulu, IRRI, Philippines
2. Dr. Bhanuprakash Reddy, Scientist-G & Head, Biochemistry Division, NIN, India
3. Prof. D. N. Rao, IISC, Bangalore, India
4. Dr. Pushpendra Singh, ICMR-National Institute of Research in Tribal Health, India
5. Dr. Ratna Giri Polavarapu, President & CEO, Genomix, USA
6. Ms. Anu Acharya, Founder & CEO, Mapmygenome, India
7. Dr. Krishna Mohan Medicherla, BISR, Jaipur, India
8. Dr. Bipin G Nair, Dean School of Life Science, Amrita University, Kerala, India



Dr. N. Jalaja

Convener

Associate Professor



Dr. S. Anil Kumar

Organizing Secretary

Assistant Professor



Department of Biotechnology, VFSTR

Department of Biotechnology VFSTR

**Organizing committee**

1. Convener – Dr. N. Jalaja, Department of Biotechnology, VFSTR
2. Organizing Secretary - Dr. S. Anil Kumar, Department of Biotechnology, VFSTR
3. Coordinator – Prof. S. Krupanidhi, HOD, Department of Biotechnology, VFSTR
4. Treasurer - Dr. S. Srikanth, VFSTR
6. Co-cordinator - Dr. Sugunakar, Bioclues, Dr. Harpreet Singh, HMTV, Jalandhar
7. Program chair: Dr. Prashanth N Suravajhala, Bioclues
8. Scientific Advisor – Prof. P. B. Kavi Kishor, Department of Biotechnology, VFSTR
9. Organizing committee - Faculty, Department of Biotechnology, VFSTR, and Core, Bioclues