International Conference on "Omics of Plant-Pathogen Interaction with their implication"

Mode: Online

November 16-18th, 2020





Convenor

Dr. Binod B. Sahu

Department of Life Science
National Institute of Technology
Rourkela

About the Conference

Plant pathogen interaction (PPI) impacts agriculture in various useful ways. By this online platform of conference we intend to delve into various advances in the field of omics that have enhanced our knowledge of PPI and therefore served in the advancement of better agricultural practices. The participants will gain insight into the various advances made in the area and also will be able to showcase their research on an international platform.

The Institute

National Institute of Technology, Rourkela is an Institute of National Importance for technical education established by the Government of India. NIT Rourkela is a prestigious institute with a reputation for excellence in research and education at undergraduate, postgraduate and doctoral levels.

The Department

The Department of Life Science is the scientific study associated with living organisms including microorganisms, plants, animals and human beings. The current research focus of the department includes cancer biology, epigenetics, apoptosis and autophagy cancer, in bioremediation, microbial ecology and marine biotechnology, food and bioprocess technology, development of nanoparticles for drug delivery, tissue engineering, proteostasis (protein folding/aggregation in presence of nanoparticle), biology functional genomics, stem cell encompassing cancer and pluripotent stem cells and regulatory RNA biology for deciphering biomolecular regulation at systems level.

Who should attend

Students and Research scholars Young faculty and scientists Industry personnel

Important dates

Registration deadline: 15th November

Registration Link

(https://forms.gle/ovR1viJsy95wCzRU8)

Joining link and details will be shared with registered participants

Organizing Committee

Patron:

2020

Prof. A. K. Biswas

Director

NIT Rourkela, Patron

Chairman:

Dr. Surajit Das

Head

Department of Life Science

Advisor:

Prof. Samir K. patra

Convener:

Dr. Binod Bihari Sahu

Student Co-ordinators:

Kalpana Dalei

Daraksha Parween

Debasish Pati

Vivekanada mahanta



Opening remarks: 5:30 PM Welcome address: 5:35 PM Address by Chairman: 5:40 PM Inauguration by Director: 5:45 PM lowa State University, USA Address by Chief Guest: 5:55 PM



Chief Guest and Keynote Inaugural speaker

Prof. Madan Kumar Bhattacharyya

Application of a transcriptomic approach in enhancing broadspectrum disease and pest resistance in soybean

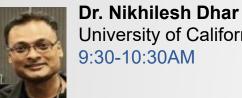


Distinguished Speakers

Day 2, 17th Nov, 2020, Session I, 9:30-11:30 AM

Session II, 3:00-5:00 PM

Dr. Kutubuddin Molla



3:00-4:00PM





Dr. Prashant Singh Banarus Hindu University, Varanasi Green Vaccination: Smart Plant Health Care for Human Welfare 10:30-1130AM



Dr. Amol Kumar Solanke NRCPB. Delhi Understanding Rice-Magnaporthe interaction during panicle blast in resistant and susceptible rice cultivars using a time-course transcriptome analysis

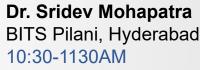


NRRI, Cuttack 4:00-5:00PM Replacing one DNA letter with another by CRISPR/Cas tool



Day 3, 18th Nov. 2020, Session I, 9:30-11:30 AM Dr. Arup Kumar Mukherjee NRRI. Cuttack





PGPR in plant growth promotion: Application potential Session II, 3:00-5:30 PM

Dr. M. K. Rajesh ICAR-CPCRI, Kasargod, Kerala Deployment of 'omics' tools towards deciphering coconut-Phytophtora palmivora interactions 3:00-4:00PM

Dr. Ramesh Namdeo Pudake Amity University, Noida 4:00-5:00PM Rhizosphere biology: microbes in action

Vote of thanks and valedictory function 5:00-5:30PM



Dr. Binod B. Sahu

Contact:

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