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12th International Conference on

Advancements in Bioinformatics and Drug Discovery

November 26-27, 2018
Dublin, Ireland







SCIENTIFIC PROGRAM

DAY 1
Monday, 26th November

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Biodiversity informatics | Bioinformatics Algorithms & Databases | Clinical Case Reports	**Talks On:** Theoretical Biology & Bioinformatics | DNA Punctuation | Structural & Evolutionary Bioinformatics
Tools for Data Integration	Population genetics
Approaches to Mapping Biodiversity	Evolution, taxonomy and systematics
Web services in bioinformatics	DNA secondary structures
Biological databases	RNA world
Cystic fibrosis case reports	Integrative Bioinformatics
Cancer case reports	Comparative genomics

13:10-13:15 Cancer case reports

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Biostatistics -An Approach to Bioinformatics | Clinical Bioinformatics | Epitranscriptomics	**Talks On:** Systems Biology in Bioinformatics | Computational Biology & Metabolomics | Bioinformatics
Computational statistics	Cancer Systems Biology
Statistical genetics	Systems theory for complex dynamical systems
Medical statistics and informatics	Data mining and Machine Learning
Biomarker discovery	Artificial Intelligence
Mathematical Medicine	Metabolomics & Pharmacology
RNA Methylation	Mass spectrography

DAY 1
Monday, 26th November

Identifying Novel Biochemical Pathways	Translational Medicine

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Bioinformatics and Drug Discovery	Workshop

DAY 2
Tuesday, 27th November

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Biomedical & Health Informatics | Biomedical Engineering & Imaging	**Talks On:** Genomics & Proteomics| Pan Genomics | Moonlighting Proteins
Medical Informatics	Functional & comparative genomics
Biomarkers & Biomedicine	Clinical & medical genomics
Sensor Informatics	Clinical proteomics
Bioengineering Approaches	Proteome informatics
Imaging Informatics & Neural networks	Cytosolic enzymes
Independent Component Analysis	Evolutionary Biology
	Phylogenetic

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On: Drug Discovery | Pharmaceutical Bioinformatics	**Talks On:** Immunology & Genetics | Protein Bioinformatics
Pharmacogenetics in Drug Discovery and Development	Protein docking
Advancing Drug Discovery	Protein network analysis
Accelerated Drug Discovery Perspectives	Structural classification of proteins
Chemoinformatics	Clinical genetics
Computer-aided molecular design	Mitochondrial genetics
Application of Bioinformatics in Drug Designing	Immune cells & proteins
	Clinical biomarkers

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

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12th International Conference on Advancements in Bioinformatics and Drug Discovery

November 26-27, 2018 Dublin, Ireland

New Assessments and tools in Bioinformatics

Title: The centers of premeltons signal the beginning and ends of genes

Henry M. Sobell
University of Rochester, USA

BIOGRAPHY:

Henry M. Sobell completed his studies at Brooklyn Technical High School (1948-1952), Columbia College (1952-1956), and the University of Virginia School of Medicine (1956-1960). Instead of practicing clinical edicine, he then went to the Massachusetts Institute of Technology (MIT) to join Professor Alexander Rich in the Departent of Biology (1960-1965), where, as a Helen Hay Whitney Postdoctoral Fellow, he learned the technique of single crystal X-ray analysis. He then joined the Chemistry Department at the University of Rochester, having been subsequently jointly appointed to both the Chemistry and Molecular Biophysics departments (the latter at the University of Rochester School of Medicine and Dentistry), becoming a full tenured Professor in both departments (1965-1993). He is now retired and living in the Adirondacks in New York, USA.

Title: The international debate on the regulation of the new gene editing methods

Klaus Ammann
University of Bern, Switzerland

BIOGRAPHY:

Klaus Ammann. University of Bern. Born: 6 December 1940 in Bern, Thesis: Vegetation and Glacier history, summa cum laude in 1972 Bern University. Assisting to Swiss Atlas of Plant Distribution, first Swiss research department on Lichenology (chemosystematics and bio-monitoring air pollution). Teaching in plant biodiversity and vegetation ecology, director of the Bern Botanic Garden 1996-2006 and Prof. h.c. 2000. Sabbatical stays: Bergen, Norway, Duke University in North Carolina, University of the West Indies in Jamaica, and Missouri Botanical Garden in St. Louis. Emeritus 2006, guest prof. Delft University of Technology, Sabanci University in Istanbul and Tehran 2017. Moderating 'Berne Debates', early blog on plant biotechnology, presently—ASK-FORCE at PRRI FORUM at European Federation of Biotechnology, KLAUSBLOG at Black Sea Biotechnology Association and since 2017 frequent contributions for literature blog of Klaus Jany.

Title: Functional annotation of proteoforms in the Mouse Genome Database using the Protein Ontology

Li Ni
The Jackson Laboratory, USA

BIOGRAPHY:

Li Ni is currenctly working for the Department of Bioinformatics and Computational Biology, at The Jackson Laboratory, USA.

SPEAKER SLOTS AVAILABLE

Title: Evaluation of two main RNA-seq approaches for gene quantification in clinical RNA sequencing: polyA+ selection versus rRNA depletion

Shanrong Zhao
Pfizer Worldwide Research and Development, USA

BIOGRAPHY:

Shanrong Zhao, Computational Biology. Pfizer Worldwide Research and Development. Cambridge, USA. More than twenty years of experience in computational biology with strong interdisciplinary skills in computer science, biostatistics, computational biology and chemistry. A recognized pioneer in scientific computing, especially in next generation sequencing, big data analysis, cloud computing and machine learning. Have led multiple cross-functional teams to successfully implement pipelines and informatics systems, including QuickRNASeq, QuickIsoSeq, QuickMIRSeq, Rainbow, Stormbow and ImmunoPortal, for large-scale data analysis to support drug discovery.

Title: miRmapper: A tool for interpretation of miRNA-mRNA interaction networks

Gary Hardiman
Medical University of South Carolina, USA

BIOGRAPHY:

Gary Hardiman is the Scientific Director of the MUSC Center for Genomics Medicine Bioinformatics. He is also Head, Laboratory for Marine Systems Biology, Hollings Marine Laboratory and an Adjunct Professor & Visiting Scholar, Grice Marine Laboratory, College of Charleston, SC, USA. He is an editorial board member for the journals Pharmacogenomics, Expert Rev Mol Diagn., Genes, & High-Throughput. Prof. Hardiman's research encompasses three areas: gene environment interactions, cystic fibrosis trans-membrane (CFTR) gene modifiers, and systems biology tool development for big data analysis.

Title: A Golden (Rice) Opportunity

Klaus Ammann
University of Bern,

BIOGRAPHY:

Klaus Ammann. University of Bern. Born: 6 December 1940 in Bern, Thesis: Vegetation and Glacier history, summa cum laude in 1972 Bern University. Assisting to Swiss Atlas of Plant Distribution, first Swiss research department on Lichenology (chemosystematics and bio-monitoring air pollution). Teaching in plant biodiversity and vegetation ecology, director of the Bern Botanic Garden 1996-2006 and Prof. h.c. 2000. Sabbatical stays: Bergen, Norway, Duke University in North Carolina, University of the West Indies in Jamaica, and Missouri Botanical Garden in St. Louis. Emeritus 2006, guest prof. Delft University of Technology, Sabanci University in Istanbul and Tehran 2017. Moderating 'Berne Debates', early blog on plant biotechnology, presently—ASK-FORCE at PRRI FORUM at European Federation of Biotechnology, KLAUSBLOG at Black Sea Biotechnology Association and since 2017 frequent contributions for literature blog of Klaus Jany.

SPEAKER SLOTS AVAILABLE

Title: T-patterns and self-similarity from the RNA world to human mass-societies

Magnus S Magnusson
University of Iceland, Iceland

BIOGRAPHY:

Magnus S Magnusson, Research Professor. PhD in 1983, University of Copenhagen. Author of the T-pattern model and the corresponding detection algorithms in the THEMETM (PatternVision). He has focused on real-time organisation of behavior, co-directed DNA analysis, published numerous papers and given invited talks and keynotes at universities in Europe, USA and Japan and at international conferences in ethology, psychology, neuroscience, mathematical sciences, science of religion, proteomics and mass spectrometry. Associate Professor and Deputy Director 1983-1988 in the Museum of Mankind, National Museum of Natural History, Paris. Repeatedly invited Professor in psychology and ethology (the biology of behavior) at the University of Paris, V, VIII and XIII. Since 1991, Founder and Director of the Human Behavior Laboratory (hbl.hi.is), University of Iceland. He works in collaboration between now 32 universities on Methodology for the Analysis of Social Interaction (MASI) initiated in 1995 at the Sorbonne, Paris based on "Magnusson's analytical model.

Title: Future of blood plasma profiling for medical diagnostics: A review of current trends

Laszlo Takacs
University of Debrecen and Biosystems International Kft

BIOGRAPHY:

Laszlo Takacs is the Founder and CSO of Biosystems International, Professor, Department of Human Genetics at Medical Center of the University of Debrecen, Hungary, Foreign Member of the Hungarian Academy of Sciences. He received his education at Semmelweis Medical University in Budapest. Experience includes over 10 years of academic research in Hungary and at the NCI, NIH in the US and 20 years in industry at Amgen Inc. and Pfizer Inc. In 2004, Laszlo Takacs co-founded Biosystems International. Publications include over 70 peer reviewed scientific papers, book chapters and commercially oriented materials. Laszlo Takacs is an inventor on 10 patents and patent applications. His current interest is human plasma protein epitome profiling for the discovery of new diagnostics in cancer and chronic diseases via mAb proteomics.

Title: Protein Carbamylation: The discovery of a carbon dioxide control system

Victoria Linthwaite
Durham University, England

BIOGRAPHY:

Victoria completed her BSc and MSc from the University of York and recieved her PhD from Durham University in 2017. She has since been carrying out postdoctoral studies within Durham University.

SPEAKER SLOTS AVAILABLE

Title: Recombinant Cyclins and their CDKs in *Escherichia coli*: Expression and Purification for soluble active products and characterization with putative inhibitors.

Nikolopoulos Vaios
University of Thessaly, Greece

BIOGRAPHY:

Vaios Nikolopoulos is a Biologist MSc and as a PhD candidate, has his expertise in molecular biology and diagnostics. His passion is to combine more aspects and functions of molecules and their pathways in order to see the big picture in a pathologic state either this is a cancerous process or diabetes etc. Currently he is working in protein purification and ligand binding studies while studying crystallography and also elaborates with other colleagues in various clinical studies. His goal is to be a part of this "thinking tank" community to share his inquiring mind and to absorb new ideas in this highly competitive area of biosciences.

Title: Advancements of RNA-seq technology and its application to drug discovery

Shanrong Zhao
Pfizer Worldwide Research and Development, USA

Biography:

Shanrong Zhao, PhD Director, Computational Biology. Pfizer Worldwide Research and Development. Cambridge, USA. More than twenty years of experience in computational biology with strong interdisciplinary skills in computer science, biostatistics, computational biology and chemistry. Shanrong got his Ph.D from The Chinese Academy of Sciences, and a second M.S in computer science from San Diego State University. He is a recognized pioneer in next generation sequencing, big data analysis, cloud computing and machine learning. In the past five years, he published more than 20 papers in the field of RNA sequencing and was invited to speak at more than 30 national and international meetings. Shanrong has led multiple cross-functional teams to successfully implement pipelines and informatics systems, including QuickRNASeq, QuickIsoSeq, QuickMIRSeq, Rainbow, Stormbow and ImmunoPortal, for large-scale genomic data analysis to support drug discovery.

SPEAKER SLOTS AVAILABLE

Title: Elucidating the functional roles of tissue specific Na,K-ATPase α/β-subunit combinations in the large milkweed bug Oncopeltus fasciatus

Marlena Winter
1Universität Hamburg, Germany

BIOGRAPHY:

Marlena Winter completed her Bachelor´s degree in biology from Freie Universität Berlin in 2014 and her Master´s degree in animal ecology from Georg-August-University Göttingen in 2016. Afterwards, she worked in the animal ecology group as a research assistant until starting her doctoral studies at the Universität Hamburg in 2017. Presently, she is phD student in the molecular evolutionary biology group investigating the Na,K-ATPase of the large milkweed bug on protein level.content and G10398A polymorphism in non-small cell lung cancers.

Title: Artificial Neural Network Algorithms For Biomarker Discovery, Pathway Modelling and Drug Target Identification

Graham Ball
Nottingham Trent University, UK

BIOGRAPHY:

Graham Ball is Professor of Bioinformatics at Nottingham Trent University and CSO of CompanDX UK Ltd. He is Associate Director the John Van Geest Cancer Research Centre and biostatistics lead on three clinical projects. He has been involved in the development and validation of machine learning algorithms based on Artificial Neural Networks for the last 18 years. He has 145 journal papers and 5 patents in this area. After a PhD (UN funded) and a Post Doc modelling environmental interactions with ANNs at NTU, in 2000 he shifted the focus of his analysis to proteomic and transcriptomic data; searching for proteins and genes associated with cancer. His current research interests are directed at the use of machine learning techniques for the identification of biomarker panels, pathway motifs and molecular drivers characterizing biological systems These include areas such as microbial pathogen host response, drivers and characteristics of hallmarks of cancer, drivers of Alzheimer's disease and diagnostics of latent tuberculosis.

Title: Predictions of the structure of Bacillus subtilis GerA germination receptor complex in the membrane model.

Inga Jamrozek
University of Gdansk and Medical University of Gdansk, Poland

BIOGRAPHY:

Inga Jamrozek received her BA degree in Bioinformatics and MA degree in Biotechnology from University of Gdansk, Poland. She is a third year PhD student in the Intercollegiate Faculty of Biotechnology of University of Gdansk and Medical University of Gdansk. Her major research interests in developing a model of GerA receptor and molecular mechanism of its function. This study is an interdisciplinary research conducted with Laboratory of Molecular Bacteriology, Intercollegiate Faculty of Biotechnology of UG and MUG.

SPEAKER SLOTS AVAILABLE

Title: Phytochemistry, antioxidant, anti-inflammatory and hepatoprotective potential of extracts of *Acanthospermum hispidum DC* (Asteraceae) against diethylnitrosamine-induced hepatotoxicity in rats

Jotham Yhi-pênê
University of Ouagadougou, France

BIOGRAPHY:

Jotham Yhi-pênê N'DO did this PhD work on viral hepatitis. The work of producing publications in reference journals. We will be happy to come and share our modest experience and receive for others.

Title: Application of Hurwitz-Radon matrices in curve interpolation and almost-smoothing

Dariusz Jacek Jakóbczak
Technical University of Koszalin, Poland

BIOGRAPHY:

Dariusz Jacek Jakóbczak was born in Koszalin, Poland, on December 30, 1965. He graduated in mathematics (numerical methods and programming) from the University of Gdansk, Poland in 1990. He received the Ph.D. degree in 2007 in computer science from the Polish – Japanese Institute of Information Technology, Warsaw, Poland. From 1991 to 1994 he was a civilian programmer in the High Military School in Koszalin. He was a teacher of mathematics and computer science in the Private Economic School in Koszalin from 1995 to 1999. Since March 1998 he has worked in the Department of Electronics and Computer Science, Technical University of Koszalin, Poland and since October 2007 he has been an Assistant Professor in the Chair of Computer Science and Management in this department.

Title: "The solution is out there", focus on microalgae

Frédéric Fonlut
Biotechnologies consultor, Spain

BIOGRAPHY:

I have 30 years of experience in the biotechnology, aquaculture and environment sectors. My profile is mainly a developer profile, using the results of research to apply them to industrial production processes, controlled, profitable, and safe to put on the market of quality products.Responsible for multidisciplinary teams, my objectives were the selection of species and the development of production system in large volume, in different structures adapted to the needs of each species (molluscs, Crustaceans, Fishes and Microalgae). My incorporation has been both with the public sector, research centers, IFREMER (France), IRTA, PEMARES (Spain), ADOA, (Dominican Republic), ACFK (Florida, USA), as private companies, also ensuring in many projects the technical transfer between the two sectors.

SPEAKER SLOTS AVAILABLE

Title: Reducing the Gap between Phenotypes and Genotypes via Comparing Tagged Whole Genomic Sequences

Jing-Doo Wang
China Medical University, Taiwan

BIOGRAPHY:

Jing-Doo Wang received the BS degree in Computer Science and Information Engineering from the Tatung Institute of Technology in 1989, and the M.S. and Ph.D. degrees Computer Science and Information Engineering from the University of Chung Cheng in 1993 and 2002 respectively. He has been with Asia University since spring 2003, where he is currently an associate professor in the Department of Computer Science and Information Engineering, and also holds a joint appointment with the Department of Bioinformatics and Medical Engineering. His research interests are in the areas of bioinformatics, text mining for trend analysis, class ambiguity analysis and cloud computing. He has developed a scalable approach to extract maximal repeat patterns from a huge amount of sequential data via MapReduce programming model and has applied for an U.S.A..

Title: Adaptive evolution and functional regulation of uORFs in *Drosophila*

Jian Lu
Peking University, China

BIOGRAPHY:

Jian Lu has completed his PhD at the age of 31 years from the University of Chicago and Postdoctoral Studies from Departmetn of Molecular Biology and Genetics, Cornell University, USA. He is a professor in the School of Life Sciences, Peking University, China. He has published more than 25 papers in reputed journals and has been serving as an editorial board member of Science Bulletin (English version).

Title: Ovine hepatic mitochondrial membrane proteome: assessing mechanisms of seasonal weight loss tolerance using Blue Native PAGE coupled to Mass Spectrometry

Blake A. Miller
University School of Veterinary Medicine

BIOGRAPHY:

Blake is completing his PhD from Ross University School of Veterinary Medicine in St. Kitts. His background is on postgenomics technologies and their applications in diagnostics and selection indices.

SPEAKER SLOTS AVAILABLE

Title: Deciphering the molecular mechanism of ineffective erthropoiesis in β - thalassemia/HbE from integrated proteomic analysis.

Saranyoo Ponnikorn
Thammasat University, Thailand.

BIOGRAPHY:

Saranyoo Ponnikorn had completed his PhD in Biochemistry from Mahidol University Faculty of Science in 2011. He is lecturer in medical school and member of administrative staff as assistant to the Dean in academic affairs and medical education from Chulabhorn International College of Medicine, Thammasat University. Morover, he also works with private companies including Next Generation Genomics and Safe Fertility and PGD Center as clinical labolatory supervisor in genetic diagnosis since 2013. His research is mainly focusing on the signaling pathway of stem cell and disease development such as thalassemia and some skin disorder using proteomic strategies. He is also interested in the application of Thai herbal medicine and drug discovery under in vitro stem cell model and developing the feasible and reliable genetic testing for reproductive healthcare.

Title: Halal Insulin Nanoparticles: An Innovative and Painless Drug Delivery Patch for Diabetics

Mohd Mokhlesur Rahman
University Sultan Zainal Abidin, Malaysia

BIOGRAPHY:

Mohd Mokhlesur Rahman has completed his Ph.D. from University Technology Malaysia and postdoctoral studies from same University Faculty of Science. He is the Head of the Laboratory of Institute of Community Health Development (i-CODE), University Sultan Zainal Abidin. He has published more than 72 papers in reputed journals and awarded 9 Gold medals from the national level products innovation competitions. He has completed many students Ph.D. and M.Sc students supervision and as well as has been serving as an editorial board member of repute.

Title: Molecular diversity of the cutaneous proteome and peptidome of the frog Dendropsophus columbianus

Luz Elena Triana-Vidal
University Libre of Colombia, Colombia

BIOGRAPHY:

Luz Elena Triana-Vidal has completed her PhD at the age of 28 years from Brasilia University and postdoctoral studies from Brasilia University. She is the professor rearcher of University Libre Of Colombia, with foormation in protein biochemistry and proteomics with an established experience in mass spectrometry and cell culture She has published about bioprospection and has been reviewer of articles.

SPEAKER SLOTS AVAILABLE

Title: Proteomic characterization of dairy cattle plasma: Establishment of biomarkers for endometritis

Blake Miller
University School of Veterinary Medicine

BIOGRAPHY:

Blake is completing his PhD from Ross University School of Veterinary Medicine in St. Kitts. His background is on postgenomics technologies and their applications in diagnostics and selection indices.

Title: Sequence to structure and immunological analysis of MOMP from Chlamydiae

Francis O. Atanu
Kogi State University

BIOGRAPHY:

Francis O. Atanu obtained his PhD from the University of Reading, United Kingdom in 2014, where he worked in the Laboratories of Dr K.A. Watson and Prof I.M. Jones. He was a Facility user at the Membrane Protein Laboratory (MPL) and Oxford Protein Production Facility (OPPF), both in Diamond Light Source, Harwell, United Kingdom, between 2012-2013. Dr Atanu is currently a Lecturer/Research Scientist at the Department of Biochemistry, Kogi State University, Nigeria. Dr Atanu's honours and awards includes but not limited to TETFund to undertake overseas Phd program, Faculty and Departmental Prices for academic excellence. He is a member of local and international professional societies. He has co-authored peer reviewed journal articles published locally and internationally. Dr Atanu's current researches focuses on biophysical characterisation of proteins, structure-function characterisation of proteins, functional characterisation of phytochemicals used in management of human metabolic diseases and protozoal diseases, investigation of biochemical mechanisms underlying toxicity of drugs and environmental toxicants.

Title: Screening for effective evaluation of quality plant science research with emphasis on tissue culture (plant), molecular biology and pharmaceutical biotechnology?

Tasiu Isah
Hamdard University

BIOGRAPHY:

Tasiu Isah is a professional teacher and researcher with expertise in plant science and passion in improving the health and wellbeing. His open and contextual evaluation model based on responsive constructivists creates new pathways for improving healthcare.

SPEAKER SLOTS AVAILABLE

Title: Biochemistry of alzheimer's disease

Anil Batta
Govt. Medical College

BIOGRAPHY:
Anil Batta is currently working as an Assoc. Professor, Department Of Medical Biochemistry, Govt. Medical College.

Title: High Altitude and Pre-eclampsia: Adaptation or Protection.

Sarah I Y Ahmed
Khartoum University

BIOGRAPHY:
Sarah I Y Ahmed has has graduated from Medica Laboratory Sciences from University of Khartoum, Khartoum, Sudan. She completed her MSc at the same University in the institute of Endemic Diseases in the Medical Campus. She worked as a Lab scientst and a researsher in different medical facilities in Sudan and Dubai.

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Title: MALDI-TOF plasma profiling: Seeking potential biomarkers for early breast cancer in a cohort of Egyptian patients

Pacint Moez
Alexandria University

BIOGRAPHY:
Pacint Moez is a Professor of Clinical Pathology AFM .She was awarded FP7 & many national grants for Proteomics research. She is the director of AFM Proteomics lab & head of Egypt Proteomic Science Association. She supervised many master & MD proteomics thesis in Egypt and with International collaborators as well .She has organised many workshops & participated in national & international proteomics conferences. Her main aim is to introduce Proteomics science to Egyptian scientific community & to cooperate & network with different international proteomics groups. She has published more than 22 papers in reputed journals.

SPEAKER SLOTS AVAILABLE

Title: Label Free Quantitative Proteomics Approach Unravels the Pleotropy of Buffalo Leukemia Inhibitory Factor (BuLIF) in COS-1 cells

Sudarshan Kumar
National Dairy Research Institute Karnal

Biography:
Sudarshan Kumar is working as scientist at National Dairy Research Institute Karnal, India. He works on Mammary Gland Proteomics to identify the putative biomarkers for lactation related disorders in bovine. His lab uses high end nano-LC MS/MS TOF platform and TQD for protein biomarker discovery and validation. The economically important genes are cloned, expressed and purified from prokaryotic and eukaryotic host systems which are subjected to cell culture based functional characterization for their application as therapeutics or diagnostics.

Title: Virtual Screening, Docking and ADMET studies of Novel Hybrid NSAIDs to Exploring Multiple Targeted Cancer Therapy

Ashish P Shah
Sumandeep Vidyapeeth

Biography:
Ashish Shah is working in the area of insilico drug designing and synthetic medicinal chemistry since last five years. He is pursuing research in the field of new molecule development for cancer disease since last three years. He has also published review as well as research article relevant to his expertise. He has also presented poster on insilico drug design in various national and international conferences.

Title: Title: In silico approaches in building computerised solutions based on machine learning techniques for fish taxonomic identification

Ajey Kumar Pathak
ICAR-National Bureau of Fish Genetic Resources

Biography:
Ajey Kumar Pathak has completed his Ph.D. in Computer Science and Information Technology from Sam Higginbottom University of Agriculture and Technology, Allahabad, Uttar Pradesh, India and postdgraduate studies in Computer Science from Madan Mohan Malviya Engneering College Gorakhpur, Uttar Pradesh, India. Apart from these academics, he is post graduate in Physics from Avadh University, Faizabad, Uttar Pradesh, India. Presently, he is Senior Scientist at ICAR-National Bureau of Fish Genetic Resources, Lucknow, Uttar Pradesh, India, a premier Fish Genetic Resources institute under the aegis of Indian Council of Agricultural Research, India. He has published more than 30 papers in reputed journals and has been serving as an editorial board member of repute.

SPEAKER SLOTS AVAILABLE

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Biography

Title: Molecular binding and dynamic simulation studies of Staphylococcus aureus superantigens with flavonoid compounds

Subhashree Venu Gopal
VIT University

Biography:
Subhashree Venu Gopal is currently working in Department of Integrative biology VIT University.

SPEAKER SLOTS AVAILABLE

Organizing Committee Members



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Pfizer Worldwide Research and Development, USA



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VA Medical Center

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