

Prediction of the Effects of Missense Mutations in Human Proteins

H.A. Nagarajaram

Laboratory of Computational Biology, Centre for DNA Fingerprinting & Diagnostics (CDFD, Gruhakalpa, Nampally, Hyderabad 500 00, Andhra Pradesh, India

Address for correspondence:
E-mail: han@cdfd.org.in

Phenotypic effects (“disease” and “neutral”) of a large number of missense mutations caused by nsSNPs as well as rare mutations have not been characterized. It is therefore perceived as highly important to develop methods for accurate prediction of the phenotypic effects of missense mutations. We recently developed a SVM-based method named as Hansa which uses a novel set of discriminatory features to classify missense mutations

into disease and neutral types. Hansa was evaluated by performing a five-fold cross validation on a benchmark dataset comprising of well characterized known disease and neutral mutations. Further validation studies were also conducted using an independent dataset of known cancer missense mutations. These studies unequivocally showed that Hansa achieves better prediction accuracies as compared to the other known methods.

Oral and Poster Presentation

S. N	Name	Affiliation	Title
Genomics and Proteomics			
1	Sushmitha Vijaya Kumar	Anand Agricultural University, Gujrat	Pyro-Sequencing Based Metagenomics of Paddy Soils from Uttar Pradesh, India
2	Ankita Mehta	Delhi Technological University, New-Delhi	SNPs in Cancer: A Genome-Wide Computational Analysis
3	Pravin R. Dudhagara	Hemchandracharya North Gujarat University, Patan, Gujarat	Fungal Diversity Analysis of Alkaline Lake by Next-Generation Sequencing Technology
4	Usman Sayeed	Integral University, Lucknow	Mutation Rate Analysis of PPR Virus in Fourteen Different Countries
5	Dhwani Raghav	Banasthali University, Rajasthan	A Computational Investigation of Deleterious Non-Synonymous SNPs of Epidermal Growth Factor Receptor
6	Niranjan Chakraborty	National Institute of Plant Genome Research, Aruna Asaf marg, New Delhi	Dehydration-Responsive Functional Association Network of Nuclear Proteins in Rice (<i>Oryza Sativa</i> L.) Reveals Conserved and Novel Pathways
7	Anjani Saxena	G.B.P.U.A&T, Pantnagar Uttarakhand, India	Epitope Mapping and Motif Analysis of Omp 28 Gene of <i>Salmonella Typhi</i>
8	Sayeed Ur Rehman	Aligarh Muslim University	Two Novel Alternatively Spliced Transcripts of Prkar1b Gene of Mouse: Identification Using A Novel Approach of In-Silico and Molecular Biology Techniques
9	Sunil Kumar	Institute of Agriculture, Technology and Sciences, Allahabad	Identification, Sequence and Structural Analysis of cathepsin L - like Proteins in <i>Drosophila melanogaster</i>
10	Charu Kapil	Jamia Millia Islamia, New Delhi	Spatial Architecture of Nucleotides in Eukaryotic Genomes
11	B.Jayaram	Indian Institute of Technology, Delhi,	The Emerging Assembly Line of Genomes to hit Molecules <i>In Silico</i>
12	Tarique Sarwar	Aligarh Muslim University, Aligarh	In Silico Analysis and Expression of Multiple Novel Splice Variants of PKA Catalytic Beta Subunit Gene in Mouse

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S. N	Name	Affiliation	Title
13	Masarrat Afroz	Jamia Millia Islamia, New Delhi	Basal Core Promoter (BCP) mutations With Respect to Hepatitis B Virus Genotypes and Serologic Status
14	Farha Naz	Jamia Millia Islamia, New Delhi	Sequence, Structure and Function of Microtubule Affinity-Regulating Kinase: An Enzyme Plays Potential Role in Cell Division
15	Priyanka Narad	Amity University, Noida	Evolution of Homeobox Protein Sequence (Hoxa9) Across Different Species Using Phylogenetic Analysis and Expression Analysis of The Sequence in Reference to the Occurrence of Acute Myeloid Leukemia
16	Firoz Ahmed	Samuel Roberts Noble Foundation, Ardmore, Oklahoma 73401, USA	A Comprehensive Analysis of Isomirs and Their Targets Using High-Throughput Sequencing Data for <i>Arabidopsis thaliana</i>
17	M Sarwar Baig,	Jamia Millia Islamia, New Delhi	Computational Analysis of Cotton Mirnas Targeting Genome of Cotton Leaf Curl Multan Virus and Associated Satellite DNA
18	Nidhee Chaudhary	Amity University, Sector-125, Noida	Amino Acid Sequence Analysis of Thermostable Endo- β -1, 4-Glucanase Purified from <i>Trichoderma viride</i>
19	Shivesh Ghura	Jaypee Institute of Information Technology University	Computational Analysis of Regulatory Elements
20	Mohammad Aamir Hussain	Aligarh Muslim University, Aligarh, U.P.	Computational Prediction and Identification of New Splice Variant of PKA Catalytic Alpha Subunit Gene in Mouse
21	V. M. Karthika	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal, Madhya Pradesh	Genome Variability of HIV 2 Using Various Analytical Techniques
22	Nishtha Lukhmana	Guru Gobind Singh Indraprastha University, New Delhi	Identification of Candidate Motifs in Stress Responsive Genes Associated with Heavy Metal Tolerance in Plants
23	Manu Mangal	BaVanasthali University, Rajasthan	Identification and Analysis of Transcription Factors and their Binding Sites in Cervical Cancer Associated Genes
24	Neeraj Nagpal	Guru Gobind Singh Indraprastha University, New Delhi	Analysis of Annotation Strategies for Hypothetical Proteins: A Case Study of <i>Neisseria</i>
25	Mansi B. Parmar	Hemchandracharya North Gujrat University, Patan	Community and Functional Analysis of Metagenome Data from Hot Spring
26	Manika Sehgal	Jaypee University of Information and Technology (JUIT)	Identification and Analysis of Biomarkers for Mismatch Repair Proteins: A Bioinformatic Approach
27	Inderjit Singh Yadav	Institute of cytology and preventive oncology, NOIDA	A central repository for functional and evolutionary information of Human Proteins
28	Subhomoi Borkotoky	Pondicherry University, Pondicherry, India	In Silico Analysis of Hemagglutinin, Neuraminidase, and Matrix Protein- A Comparative Study on Different Strains of H5n1 Virus
29	Sayan Chatterjee	Guru Gobind Singh Indraprastha University, New Delhi	Comparative Genomic Strategy in Human Disease Genes
30	Kaiser Jamil	Jawaharlal Nehru Institute of Advanced Studies, (JNIAS), Hyderabad	Functional diversity in the Enolase superfamily proteins
31	Navanath M. Kumbhar	Shivaji University, Kolhapur	Molecular Modelling Studies of Hypermodified Nucleosides Present in Anticodon Loop of tRNA
32	Humayra Bashir	Jamia Millia Islamia, New Delhi	Proteomic study to investigate the role of Sulphur in Cd stressed <i>Arabidopsis thaliana</i>
33	Subhash M. Agarwal	Institute of cytology and preventive oncology (icmr), NOIDA	Sequence and Structural analysis enables prediction of functionally important residues responsible for regulating Epidermal Growth Factor Receptor Tyrosine Kinase activity
34	Vidushi Mahajan	Indian Institute of Integrative Medicine, Jammu	microRNA mediated regulation of plant secondary metabolism: An in silico analysis
35	Noura Gaiji	Dipartimento di Biologia Vegetale Università di Torino	The Computational-Based Structure of Dwarf 14 Provides Evidence for its Role as Potential Strigolactone Receptor in Plants

Structural Biology

1	Dinesh Gupta	International centre for genetic engineering and biotechnology	In Silico Characterization of PFCYC-1, A Cyclin Homologue of <i>Plasmodium Falciparum</i>
2	K. M. Prakash Lingam	Velammal Engineering College	A Survey on Recent Developments In Comparison of Protein Structure Methods
3	Javed Ahmad	Jamia Millia Islamia, New Delhi	In Silico Structural Analysis of A <i>Brassica Juncea</i> Sequence Containing Kinase Specific Domain
4	Mohd Rehan	Jawaharlal Nehru University, New Delhi	Prediction and Classification of Critical Residues into Fold and Function using an Information Theoretic Method
5	Poonam Singh	Jamia Millia Islamia, New Delhi	Isozyme Specific Changes in Antithrombin Structure Forms the Basis of its Improved Heparin Binding for Anticoagulant Activity
6	Qudsia Rashid	Jamia Millia Islamia, New Delhi	Elucidating the Specificity of Non-Heparin Based Conformational Activators of Antithrombin for Factor Xa Inhibition
7	Poonam Singh	Jamia Millia Islamia, New Delhi	Role of Helix B in Serpin Inhibition Mechanism and Polymerization
8	Namrata Misra	Institute of Minerals and Materials Technology	Glycerol-3 Phosphate Acyltransferase Structural and Active Site Identification Through <i>In Silico</i> Approach
9	Danish Idrees	Jamia Millia Islamia, New Delhi	Structure, Function, and Diversity of Human Carbonic Anhydrase Isozymes
10	Kantharaj H.M	Central Sericultural Research and Training Institute	<i>In Silico</i> Structural and Functional Analysis of the P74 Protein Related to the (PDV) Polyhedra Derived Virus Infection of Bmnpv into the Silkworm
11	Khalid Anwar	Jamia Millia Islamia, New Delhi	Structure-Function Relationship of Mitogen Activated Protein Kinase Signal Interacting Kinase (Mnk1), a Potent Tumorigenic Protein
12	Amresh Prakash	University of Delhi, New Delhi	Insilico Study of the A2AR-D2R Kinetics and Revelation of Residues Involved at the Interfacial Surface for Heteromerization
13	Huma Naz	Jamia Millia Islamia, New Delhi	Structural Features of Lysosomal Proteins: A Structure Based Analysis to Understand the Mechanism of Lysosomal Storage Disease
14	Sabab Hasan Khan	Jamia Millia Islamia, New Delhi	Sequence, Structure and Fold of Cytochrome c
15	Munazzah Tasleem	Jamia Millia Islamia, New Delhi	Structure based function prediction of putative conserved proteins from <i>Candida dubliniensis</i>
16	Sobia Zaidi	Jamia Millia Islamia, New Delhi	Three-Dimensional Structure Prediction of Putative Conserved Proteins from <i>R. Rickettsiae</i> : An Approach to Function Annotation
17	Pawan Kumar Raghav	Institute of Nuclear Medicine and Allied Sciences (INMAS)	<i>In Silico</i> Analysis of Flexible Loop Domain's Conformational Changes Affecting BH3 Cleft of Bcl-2 Protein
18	Munazzah Tasleem	Jamia Millia Islamia, New Delhi	Validation of BHAGEERATH-H: A Homology <i>ab-initio</i> Hybrid Web server for Protein Tertiary Structure Prediction
19	Syed Ausaf Ali	Jamia Millia Islamia, New Delhi, India	Predicting the Stability of Protein using its Atomic Coordinates in Protein Data Bank
20	Anjana Ghelani	Gujarat University, Gujarat	Protein Modelling Studies for antibacterial Drug Target
21	Poonam Singh	Jamia Millia Islamia, New Delhi	Elucidating the molecular basis of improved heparin binding to antithrombin isoforms in modulating their anticoagulant activity
22	Md. Sazzad Khan	Jamia Millia Islamia, New Delhi	Modeling of Small Molecule to Hinder Serine Protease Inhibitor Polymerization
23	Shahzaib Ahmad	Jamia Millia Islamia, New Delhi	STAT6: An overview to its homology modelling
24	Faez Iqbal Khan	Jamia Millia Islamia, New Delhi	Structure based Prediction of Stability for Human β -Glucuronidase Mutants

Drug Design

1	Jawed Ahmed	Jamia Hamdard, New Delhi	In-silico approach for comparative study of various leads for a specific cancerous cell
2	Aakanksha Jaidka	Lovely Professional University, Phagwara	Docking of Hiv-1 integrase Inhibitors with Hepatitis C Virus

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S. N	Name	Affiliation	Title
3	Lunminlal Kipgen	Guru Gobind Singh Indraprastha University, New Delhi	Structural Fidelity in Protein Inhibitors of Peptidases
4	Umesh Yadava	DDU Gorakhpur University, Gorakhpur	Docking Studies of Two Taxane Diterpenoids (10,13-Deacetyl-Abeo-Baccatin-Iv And 5-Acetyl-2-Deacetoxydecinnamoyl-Taxinine-0.29hydrate) with Microtubule
5	C.V.S. Siva Prasad	Indian Institute of Information Technology, Allahabad	Protein-Protein Docking of Serine Proteinase of Nematodes with Plant Proteinase Inhibitors
6	Alka Shrivastava	Jamia Millia Islamia, New Delhi	Designing New Leads for Neuraminidase using Ab-Initio Approach
7	R. Sathish Kumar	Bharathiar University, CoimbatoreTamilnadu	Molecular Interaction Studies of Toxic Proteins and Neurotransmitters towards Development of Novel Drugs for Alzheimer Disease
8	Irin Sarah Jacob	National Institute of Pharmaceutical Education and Research (NIPER) Hajipur, Bihar	In-Silico Inhibitor Designing for HIV-1 Integrase in Human Immunodeficiency Virus
9	Archana Singh	National Institute of Pharmaceutical Education and Research (NIPER) Hajipur, Bihar	In-Silico Inhibitor Designing For <i>Plasmodium falciparum</i> Aspartate Aminotransferase (Pfsat) in Malaria
10	Vikas Gautam	National Institute of Pharmaceutical Education and Research (NIPER) Hajipur, Bihar	In-Silico Modeling and Inhibitor Designing through Fragment Based Drug Discovery (FBDD) Approach for Arylamine N-Acetyltransferase (NAT) in <i>Mycobacterium Tuberculosis</i>
11	Sunil Kumar	Nalco Square, Bhubaneswar India	Carbohydrate Ligand Interactions with Genotype Variants of Cholera Toxin B
12	Amresh Prakash	University of Delhi, North Campus, New Delhi	Receptor Chemoprint Based Pharmacophore Modeling and Virtual Screening Approach to Obtain the Novel Hits in Search of Dopamine Receptor Subtype Selective and Potent Agonists
13	Rahul Agarwal	Gautam Buddha University, Greater Noida	Virtual Screening Studies for Identification of Novel Antimalarials
14	Madhur Mishra	Integral University, Lucknow	Designing of A Potent Analog Against Drug Resistant HIV-1 Protease: An Insilco Study
15	Anita Dubey	The Bioinformatica Solutions, Lucknow (U.P)	Acetoxy (4-Aminophenyl) Mercury, A Chemical Inhibitor for Tankyrase 1 to Control Cell Proliferation in Cancer
16	Biplab Bhattacharjee	Institute of Nuclear Medicine & Allied Sciences (INMAS) DRDO, New Delhi	Elimination of antibiotic resistance of NDM Klebsiella pneumonia by inhibiting Metallo beta lactamase 1 enzyme using combinational therapy of phytochemicals & antibiotics - An <i>Insilico approach</i>
17	Biplab Bhattacharjee	PES Institute of Technology, Bangalore,	Computer Aided Screening of Natural Antimicrobials Against Putative Drug Targets of Helicobacter Pylori 26695-An <i>In Silico</i> Drug Designing Approach
18	Pooja Bhardwaj	GGSIIP University, Dwarka Sec 16C, New Delhi	Drug Designing
19	Amita Barik	Indian Institute of Technology, Kharagpur	A Protein-RNA Docking Benchmark
20	Richa Anand	Banaras Hindu university, UP, India	Designing and Development of Novel Antituberculosis Drugs by in Silico Targeting Against Decaprenyl-Phosphoryl-B-D-Ribose Oxidase: A Structure Based Drug Designing Approach
21	Manika Sehgal	JUIT, Wagnaghat, Solan	<i>In Silico</i> Structure Based Drug Designing for Schizophrenia
22	Mukta Rani	Rajendra Memorial Research Institute of Medical Sciences, Patna	Molecular Modeling of the Dimensional Structure of EF-1 α from <i>Leishmania Donovanii</i> and its Interaction with Several Inhibitors
23	Prasoon Kumar Thakur	Jamia Millia Islamia, Jamia Nagar, New Delhi	Model Structure of Ferroportin and its Docking with Hecpidin Reveals Structural Basis of Iron Homeostasis
24	Prasoon Thakur	Jamia Millia Islamia, New Delhi	Comparative Molecular Docking Approach on the Series of Antibacterial Natural Compounds for Inhibition of NDM-1

25	Vijayakumari	Karnataka State Women University	Identification of Membrane Associated Drug Targets in <i>Borrelia Burgdorferi</i> ZS7- Subtractive Genomics Approach
26	Prasoon Thakur	Jamia Millia Islamia, Jamia Nagar, New Delhi	Structural Basis of Hepcidin Binding to the α -2-Macroglobulin
27	Amrendar Kumar	Amity University, Lucknow, India	Mapping of Natural Antiviral Leads Against Drug Target Network of HIV - A Network Pharmacology and System Biology Approach
28	Ruchi Mishra	Banasthali University, Rajasthan	Three-Dementional Quantitative Structure Activity relationship Analysis of A set of <i>Pneumocystis Crainii</i> Dihydrofolate reductase Inhibitors Using A Pharmacophore Generation Approach
29	Ankita Agarwal	Banasthali University, Rajasthan	Three-Dementional Pharmacophore Modelling of 4-Quinolinyne and 9-Acrydinyldihydrazone Analogues as Potential Inhibitors of <i>Plasmodium falciparum</i>
30	Amrendar Kumar	Amity University, Lucknow	Screening of natural antimutagenic chemotherapeutic compounds for the treatment of Diabetes Mellitus- An insilico pharmaco-chemical approach
31	Nasimul Hoda	Jamia Millia Islamia, New Delhi	Design of Indole Based Acetylcholinesterase Inhibitors through Molecular Modeling, Docking, and ADMET Studies
32	Manoj Kumar	All India Institute of Medical Sciences, New Delhi	Structure based in Silico design of a novel class of potent and selective inhibitor of Dihydropteroate synthase for anti-tubercular chemotherapy
33	Sheikh Uzma Jamal	Jamia Millia Islamia, New Delhi	Designing specific inhibitor against human kallikrein 6
34	Nagendra Singh	Jamia Millia Islamia, New Delhi	In silico Structure Based Design of Potent Inhibitors of β -D-glucuronidase for Anticancer Therapy

Database Management

1	Manjeet Kumar	ITS Mohan Nagar, Ghaziabad	Data Mining – The Essence of Strategic Management
2	A Amit Kumar	Jamia Millia Islamia, New Delhi	Compilation of Useful Information for Indian Diseases through an Online Database Management: A Useful Resource for Researcher and Public Awareness
3	Meenu Chopra	Guru Gobind Singh University	The Journey of Data mining
4	Abhilasha Singh	Amity University	Phytorajaykhsama- A Database of Natural Plants Having Anti-HIV Properties
5	Mayura D. Patil	Krishna Institute of Medical Sciences Deemed University	Environmental Genomics: Data Management and Their Computational Analysis in Bioinformatics
6	Priyanka pandey	SBLMS Education Institute	Data Mining and Machine Learning
7	Arnab Sen	University of North Bengal	Mycosec - A Database for Signal Peptide Bearing Genes of Mycobacterium
8	Arvind Kumar Goyal	University of North Bengal	Bamboo-infoline: A Database for North Bengal Bamboo's

Algorithm and Software Development

1	Azeemuddin Siddiqui	Jamia Hamdard, New-Delhi	Analysis of various softwares and their authenticity, using docking techniques for inhibition of the enzyme G6PD to prevent the growth of malarial parasite, <i>Plasmodium Falciparum</i>
2	Rajnikant Namdeo	Jamia Millia Islamia, Jamia Nagar, New Delhi	PIPE: Protein Interaction and Properties Explorer
3	Mokshda Kaushik	JUIT, Wagnaghat, Solan (H.P.)	WISA: Web Server for Interactive Sequence Alignment
4	Rajendra Verma	Barkatullah University Bhopal MP	Microbial Genomics Tool (MGT) for Bacterial Codon Usage Analysis
5	Neetu Jabalia	Amity University, Noida	Role and Utilization of Web Services in Bioinformatics
6	Dinesh Gupta	International Center for Genetic Engineering and Biotechnology, New Delhi	GFF-Ex: A genome feature extraction package

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S. N	Name	Affiliation	Title
7	Khattab M. Ali Alheeti	Information Systems Department, College of Computer, University of Anbar, Iraq	Enhancement of Intrusion Detection Using Back Propagation Algorithm
8	Dinesh Bhalothia	University Of Rajasthan, Jaipur, Rajasthan	Clustering of Computer's
9	Rashmi Kumari	Jawaharlal Nehru University New Delhi	Application of MM/PBSA in the Prediction of Relative Binding Free Energy: Re-scoring of Docking Hit-list
10	Tarunendu Mapder	B.P. Poddar Institute of Management and Technology, Poddar Vihar, 137-VIP Road, Kolkata	A-Helices as Macro-Dipoles Affecting the Voltage Sensor Domain of Kvap
11	Aleem Ali	Jamia Hamdard Hamdard Nagar, New Delhi	A Genetic Algorithm Based Crypt-Steganography Technique for Message Hiding in Jpeg Images
12	Charu Anand	Guru Govind Singh Indraprastha University	Transcriptional Regulatory Network (TRN) Discovery Using Multi Method Integration (MMI)-Application in Multi-dimensional Genome Annotation Of <i>E. Coli</i> K12
13	Raed I. Hamed	University of Anbar, Al-Anbar, Iraq	Constructing Biological Networks Using Fuzzy Models: A Case Study of the Lac Operon Network
14	Jitender Singh	JNU Jodhpur, Jodhpur (Rajasthan)	Wi-Fi Network Communication & Security Issues in Today World
15	Shahla Tarannum	Jamia Hamdard, Hamdard Nagar, New Delhi	Statistical Analysis of the Results Obtained by Different Algorithms used for Segregating the Datasets of Active and Inactive Compounds
16	Sarika N. Suryawanshi	National Institute of Pharmaceutical Education and Research, Hajipur, Bihar	Social Networks Go Research Friendly on World Wide Web
17	K. M. Prakash Lingam	Velammal Engineering College, Chennai, Tamil Nadu	A Survey on Recent Developments In Multiple Sequence Alignment Methods
18	Md. Tabrez Nafis	Jamia Hamdard, New Delhi	Web Service Warehouses- Semantically Improved
19	Md. Tabrez Nafis	Jamia Hamdard, New Delhi	Mapping and Greedy Algorithms for Information Retrieval
Regulatory Networks			
1	Jawed Ahmed	Jamia Hamdard, New Delhi	Prediction of mechanism types adopted by magnesium ions during catalysis of few type II restriction endonucleases using bioinformatics tools
2	Amit Kumar Sharma	Hindustan College of Science and Technology,	Computational Toxicity Prediction of Synthetic Pesticides in Human at Different Exposure Levels
3	Ambuj Mishra	Institute of Biomedical Education and Research	System Biology: A New Approach in Cancer Research
4	N. T. Devika	Anna University	Systems View of Differential Regulation of Enos: Role of VEGF and Shear Stress
5	Md. Zubair Malik	Jamia Millia Islamia	The Impact of Chemical Coupling on Intercellular Communication of Coupled Ca^{2+} Oscillators in Hepatocytes
6	Md. Zubair Malik	Jamia Millia Islamia	Intercellular Synchronization Among A Network of Coupled Smooth Muscle Cells
7	Ninu Poulose	Amrita Vishwa Vidyapeetham	Arjunolic Acid, A Novel Modulator of GLUT4 Mediated Glucose Uptake in Adipocytes
8	B. Harihar	Bharathidasan University	Prediction of Unfolding Rates of Two-State Proteins Based on Long-Range Order
9	Arshi salamat	Jamia Millia Islamia, New Delhi	Character Recognition
10	Neelam Shukla	Amity University, Noida	Screening of Selected Medicinal Plant Extracts for Antiepileptic and Insecticidal Activity in <i>Drosophila Melanogaster</i> Model
11	Yash Sharma	SVKM's NMIMS MPSTME	ANOVA Applications to Biological Effects of Human Age with Respect to their Lifestyle
12	Sandeep Sati	Guru Gobind Singh Indraprastha University	Search for an alternative food grain: A bioinformatic approach to study <i>Pennisetum glaucum</i>
13	Md. Badruzzaman	Jamia Millia Islamia, New Delhi	The Effect of Diffused Drug and Noise in the Stochastic Model of Rat Hepatocytes.
14	Nishat Fatima	Jamia Millia Islamia, New Delhi	Impact of High Level Glucose on P53-Mdm2 Dynamics and Intercellular Communication

15	Md. Jahoor Alam	Jamia Millia Islamia, New Delhi	Intracellular synchronization among stressed cells coupled via Ca^{+2} diffusion
16	G. Reenaroy	Jamia Millia Islamia, New Delhi	The Effect on Coupling Strength near the Deterministic to Stochastic Transition
17	Fauzul Mobeen	Jamia Millia Islamia, New Delhi	The Stochastic Temporal Dynamics of Msn2 Oscillations in Camp-PKA-HOG Pathway in Yeast Budding Network
18	Gulfishan Jung	Jamia Millia Islamia, New Delhi	Intercellular Communication among A Group of Circadian Oscillators
19	Ravins	Jamia Millia Islamia, New Delhi	Interaction among Homogeneous Glycolytic Oscillating Networks Arranged in a Certain Topology
20	Dominique Chu	University of Kent, CT2 7NF Canterbury, UK	Simulating Translation in Yeast
Interdisciplinary Sciences			
1	Ilyas Beg	Jamia Millia Islamia	Biophysical Characterization of Cochinin B, A Ribosome Inactivating Protein
2	Syed Ishraque Ahmad	Jamia Millia Islamia	Chemical Modification of Polyvinylalcohol for Iodine Delivery
3	Syed Ishraque Ahmad	Jamia Millia Islamia	Interaction of Functionalized Polyvinylalcohol Films and Iodine
4	Syed Ali Azam	Jamia Millia Islamia	G1896A Mutation in Genotype D of Hepatitis B Virus Stabilizes the RNA Stem Loop Structure
5	Syed Ishraque Ahmad	Jamia Millia Islamia	Synthesis and Characterization of Modified Poly 2-hydroxyethylmethacrylate Hydrogels
6	Syed Ishraque Ahmad	Jamia Millia Islamia	Synthesis and Characterization of Functionalized Gum Arabic Based Iodine Complex
7	Syed Ishraque Ahmad	Jamia Millia Islamia	Treatment of Drinking Water Using Iodinated Polymeric Hydrogels
8	Alka Grover	Amity Institute of Biotechnology,	Development of Specific PCR Primers for Detection of <i>Ralstonia Solanacearum</i> strain P082
9	Avinash Choudekar	All India Institute of Medical Sciences,	Genetic Variability and Novel Recombination in Noroviruses from Delhi, India
10	WajihulHasan Khan	All India Institute of Medical Sciences,	Cloning and Expression of Codon Optimized Trans-Membrane G Protein Gene of Group B Respiratory Syncytial Virus (RSV) In Mammalian Cells
11	Tuhfa	Jamia Millia Islamia	Chalcone Scaffold: Synthesis, Modification, Characterization, Molecular Properties and Screening against Microbes
12	Shikha Sharma	Jamia Millia Islamia	<i>Centella Asiatica</i> Extract Protects against both Inflammation and Oxidative Stress in Collagen-Induced Arthritis Rat Model
13	V.L. N. Raghuram. S1,	All India Institute of Medical Sciences	Molecular Analysis of Attachment Glycoprotein Genes (G Genes) of Group B Respiratory Syncytial Virus Strains from India
14	Kamal Kumar Marmath	G.B. Pant University of Agriculture & Technology,	Induction of MAPK- 4 During Zeatin- <i>Alternaria Brassicae</i> Challenge in Host, Non-Host and Tolerant Transgenic Brassica Against <i>Alternaria</i> Blight and <i>In-Silico</i> Prediction of its Upstream Kinases
15	SabihurRahmanFarooqui	Jamia Millia Islamia	Presence of Stop Codon Mutation Responsible for Premature Truncation of Precore Protein among Hbeag Positive Patients
16	Zaheenul Islam Siddiqui	Jamia Millia Islamia	Hepatitis B Virus Isolates of Genotypes A And D from Indian Population Harbor Consistent Loci of Variations
17	Masarrat Afroz	Jamia Millia Islamia	Basal Core Promoter (BCP) Mutations With Respect to Hepatitis B Virus Genotypes and Serologic Status
18	FarahJamalAnsari	Jamia Millia Islamia	Comparison of the DCT JPEG and Wavelet Image Compression Encoder for Medical Images

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S. N	Name	Affiliation	Title
19	M. Idreesh Khan	Department of Community Medicine Lucknow, India	Effects of Zinc Sulphate Supplementation on Inflammatory marker and Lipid levels in Type-2 diabetic nephropathy patients
20	Ruchi Srivasrava	Jamia Hamdard, New Delhi	Antioxidant Defence System in <i>Glycine</i> <i>Max</i> (L.) Under Mercury Chloride Stress
21	RuchiSrivastava	Jamia Millia Islamia, New Delhi	Effect of Cadmium Exposures on Growth, Physio- Biochemical Characteristics and Antioxidant Defence System of Soybean (<i>Glycine Max</i> L.)
22	ArchanaBhaskar	All India Institute of Medical Sciences, New Delhi	Circulating Endothelial Progenitor Cells as Prognostic Biomarker in Multiple Myeloma
23	Jitendra Kumar Maurya	Jamia Millia Islamia, New Delhi	Study the Effect of Synthesized Ionic Liquid on The Stability of Bovine Serum Albumine
24	Sheeza Khan	Jamia Millia Islamia, New Delhi	Survival of Proteins in the Presence of High Concentrations of Urea
25	Siva Karthik Varanasi	Anand Agricultural University, Hyderabad	Metagenome Functional Diversity in Various Paddy Soils: A High Throughput Approach
26	Md. Anzarul Haque	Jamia Millia Islamia, New Delhi	Effect of sequential deletion of five extra N-terminal residues on the stability of yeast iso- 1-cytochrome c
27	Subarna Thakur	Raiganj College, Raiganj	Tracing Functional Divergence and Positive Selection in Nifh/Bchl Protein Family
28	Gulnaz Bano	A Case Study Of Moradabad Division Of Uttar Pradesh	Impediments in the Implementation of Polio Eradication Programme
29	MoinIshrat	Jamia Millia Islamia	Effect of Crowding Agent on the Thermal Stability of Ribonuclease-A
30	Akansha Bhatia	Indian Institute of Technology Roorkee	Diversity of Bacterial Isolates During High Rate Rotary Drum Composting
31	Mohammad Arshad	Jamia Millia Islamia	Heterocyclic Azoles and their Biological Application as Antimicrobials
32	Jyoti Prakash	Amity Institute of Biotechnology, Lucknow	Reclamation of Sodic Soil in North India Through <i>Acacia Nilotica</i> and <i>DalbergiaSissoo</i> .
33	Riyazuddeen Khan	Jamia Hamdard, New Delhi	Cadmium Treatment Alters Diadzene Production in <i>Glycine max</i> (L.) Seedling.
34	Ashna Irfan	Jamia Millia Islamia, New Delhi	Cholesterol sensor based on Sn-doped Titanate nanostructures
35	Mazhar-ul-Haque	Jamia Millia Islamia, New Delhi	Application of nanostructured Cu-doped Titanate for Urea sensing
36	Manoj K. Patel	Jamia Millia Islamia, New Delhi	Use of DNA Sequences in Nano-Biosensing Techniques
37	SaurabhVaishnav	Jamia Millia Islamia, New Delhi	Purification of A Novel Complex of Annexin A4 And Fc Fragment of IgG From Goat Kidney
38	MohmmadYounusWani	Jamia Millia Islamia, New Delhi	Optimization, Molecular properties prediction, in vitro antiamoebic activity and cytotoxicity evaluation of novel 2-methyl-5-nitro-1H- imidazole based Acyl-hydrazone library
39	Irengbam Rocky Mangangcha	University of Delhi, Delhi	Metabolic Characteristics of Polycystic Ovarian Syndrome and its Associated Genetic Polymorphisms in Indian Women Population
40	SaravananParameswaran	Indian Institute of Technology, Guwahati	Potential Inhibitors of Ldlip3 Lipase Targeting Pathogens Lipid Metabolism to Combat Leishmaniasis
41	DivyaChaudhary	Indian Veterinary Research Institute, Izatnagar, U.P.	Mesenchymal Stem Cells Stimulate <i>in vivo</i> Antibody Production by Allostimulation
42	Saba Hasan	Amity University, Viraj Khand	Isolation, Identification and Screening of Soil Fungi for Production of Extra Cellular Protease and Amylase
43	Syed Ikramul Hasan	Jamia Millia Islamia, New Delhi	Urea induced denaturation of yeast iso-1 cytochrome c is not two state process.
44	Gill K,	All India Institute of Medical Sciences	Assessment of p38 α Expression in HNSCC and Effect of Radiation Therapy- Pilot study
45	Abhay Kumar Singh	All India Institute of Medical Sciences, New Delhi	COX-2 as a serum marker and therapeutic agent for cancer
46	RichaBharti	Jawaharlal Nehru University, New Delhi	Decoding the miRNAome of peripheral blood mononuclear cells by deep sequencing

47	Mona Rajhans	Jodhpur Institute of Engineering and Technology	Disease Diagnosis through EM Waves
48	Khalid Anwer	Jamia Millia Islamia, New Delhi	Folding and Stability Studies on Naturally Truncated Form of C-Phycocerythrin from <i>Cyanobacterium Phormidium tenue</i>
49	Sobia Zaidi	Jamia Millia Islamia, New Delhi	Spectral Properties of the N-Terminal Variants of Yeast iso-1-cytochrome c
50	Mona Rajhans	Jodhpur Institute of Engineering and Technology	Microwaves to detect the blood glucose level
51	M. Oves	Aligarh Muslim University	Isolation and 16S R RNA Gene Sequence Characterization of Chromium Reducing Strain OS-4
52	Rahul Sharma	Jawaharlal Nehru University, New Delhi	Identification and Expression Profile of Methylation and Pseudouridylation Guide and Orphan Snornas in <i>Entamoeba Histolytica</i>
53	Md. Aasif Dar	Jamia Millia Islamia, New Delhi	Analysis of Protein Expression Profiles in Human Kidney: A Systematic Approach for Determination of Osmoregulatory Mechanism
54	SafikurRahman	Jamia Millia Islamia, New Delhi	Accessible Surface Area in The Denatured Proteins is the Key Factor for the Perfect Urea-Methylamine Compensation at 2:1 Molar Ratio Under Physiological Conditions
55	Md. Tabish Rehman	Jamia Millia Islamia, New Delhi	Role of Salt in Urea-Methylamine Compensation on Protein Stability and Function
56	Babita Singh	The Bioinformatica Solutions, Lucknow	Analysis of Structural Changes on Functional Domains of WRN Gene Responsible for Werner Syndrome
57	Deepa Mathur	Government Polytechnic College, Kota Rajasthan	ECG Compression-A Novel Approach
58	Aditi Shrivastav	JIIT University Noida	Overcoming Resistance to Imatinib in Chronic Myeloid Leukemia
59	Babak Khalili Hadad	Islamic Azad University, Iran	Relevance of Ectopic Bone Formation to the Structure of TGF- B Superfamily in Stress Condition; A Molecular Mechanic Vs. Clinical Study
60	Akanksha Gupta	IMS Engineering College, Ghaziabad	Insilico Computation of the Effects of Antioxidants as Potential Drug Candidates in Inhibiting the Tweak-FN14 Pathway in Humans Leading to the Radiation Pathologies
61	Shrikant Kukreti	University of Delhi, Delhi	DNA Polymorphism: A Biologically Relevant Phenomenon
62	Snowber Yousuf	Jamia Millia Islamia, New Delhi	Fungicidal Activity of Allyl Alcohol by Disrupting Ergosterol Biosynthesis and Membrane Integrity Against <i>Candida Albicans</i>
63	Asif Elahi	Jamia Hamdard, New Delhi	Biomarkers Analysis of Oxidative Stress as Indicator of Environmental Pollution in Liver of Walking Cat Fish (<i>Clarias Batrachus</i>) from Yamuna River, Delhi
64	F. Rehman	Department of Analytical Chemistry, Faiz-e-Am Degree College, Meerut	Comparative Biological Studies of Allicin with Phaenol
65	Rashid N	Department of Toxicology, Hamdard University, New Delhi	Protective effect of curcumin on chromium-induced hepato and renal toxicity in mice
66	Tazeem	Jamia Millia Islamia	Synthesis, Characterization of Heterocyclic Compounds and their Application as Antibacterial Therapeutic Agents
67	Indrakant K. Singh	University of Delhi, New Delhi	Role of Mitochondrial Antioxidants in Tolerance Against Radiation Stress in Plants