



National Seminar on Bioinformatics for the Sustainable Development in Agriculture and Health

Dates: 23-24 May 2017

Venue: BAU Campus, Mymensingh, Bangladesh

Organized By:

Bangladesh Bioinformatics and Computational Biology Association (BBCBA) in collaboration with
Bioinformatics Research Group of Rajshahi University (BioRGRU)
Bangladesh Agriculture University (BAU), Mymensingh

Supported By:

HEQEP Sub-Project (HEQEP:CP-3603, W2, R3), Dept. of Statistics, RU & UGC

Program

Day-1. Tuesday(23May 2017)

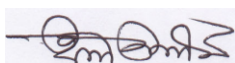
09.00-09.30	Registration
09.30-11.00	Session 1: Inaugural session <ul style="list-style-type: none">• Welcome address by Prof. Dr. Md. Abdul Alim, Dept. of Parasitology, BAU and Vice-President of BBCBA• Organizational address by Prof. AMAM Zonaed Siddique, Dept. of Pathology and Parasitology, CVASU and General Secretary of BBCBA• Keynote Talk: <i>“The Role of Bioinformatics for the Sustainable Development in Agriculture and Health”</i> by Prof. Dr. Md. Nurul Hoque Mollah, Dept. of Statistics, RU & President of BBCBA.• Speech of Special Guest: Professor Dr. Md. Monjurul Alam, Director, Bangladesh Agricultural University Research System (BAURES), BAU, Mymensingh• Speech of Chief Guest: Prof. Dr. Md. Ali Akbar, Hon`ble Vice Chancellor, BAU, Mymensingh• Speech of Chairperson: Prof. Dr. Mahbub Mostofa, Dean, Faculty of Veterinary Science, BAU, Mymensingh• Vote of thanks: Prof. Dr. Md. Shahidul Islam, Dept. of Biotechnology, Faculty of Agriculture, BAU, Mymensingh
11.00-11:15	Tea Break

11:15-13:00	Technical Session 1: Chaired by Professor Dr. A S Mahfuzul Bari Dept. of Pathology, Faculty of Veterinary Science, BAU, Mymensingh
11:15-12:15	<u>Topic-1: Bioinformatics and Its Different OMICS Research Fields</u> Resource Person: Prof. Dr. Md. Nurul Haque Mollah, Dept. of Statistics, RU, Rajshahi
12:15-13:00	<u>Topic-2: Bioinformatics and Sustainable Agriculture</u> Resource Persons: Professor Dr. Md. Shahidul Haque, Department of Biotechnology, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh-2202.
13:00-14:00	Lunch Break
14:00-15:30	Technical Session 2: Chaired by Professor Dr. Md. Shahidul Haque, Dept. of Biotechnology, Faculty of Agriculture, BAU, Mymensingh
14:00-14:45	<u>Topic-3: Next generation sequencing (NGS) data analyses pipeline: An introduction</u> Resource Person: Prof. Dr. AMAM Zonaid Siddiki, Dept. of Pathology and Parasitology, CVASU, Chittagong
14:45-15:30	<u>Topic-4: Microbiome Shaping Environment, Health and Behaviors of Organisms</u> . Resource Persons: Prof. Dr. Munirul Alam, Fellow Am. Acad. Mic., Senior Scientist, ICDDR, Dhaka
15:30-15:45	<u>TEA Break</u>
15:45-17:15	Technical Session 3: Chaired by Professor Dr. Md. Rafiqul Islam, Dept. of Pathology, Faculty of Veterinary Science, BAU, Mymensingh
15:45-16:30	<u>Topic-5: Bioinformatics for Drug Discovery</u> Resource Person: Prof. Dr. Abu Reza, Dept. of Genetic Engineering & Biotechnology, RU., Rajshahi.
16:30-17:15	<u>Topic-6: Toxicogenomics and Its Application in Drug Design</u> Resource Person: Dr. Moizur Rahman, Dept. of Veterinary and Animal Sciences, RU., Rajshahi

Day-2.Wednesday (24 May2017)

9:00-10.30	Technical Session 4: Chaired by Professor Dr. Md. Samsul Alam, Dept. of Fisheries Biology and Genetics, BAU, Mymensingh
9:00-9:45	<u>Topic-7: Bioinformatics in Protein Function Analysis</u> Resource Persons: Prof. Dr. Md. Abdul Alim, Dept. of Parasitology, Faculty of Veterinary Science, BAU, Mymensingh.
9:45-10:30	<u>Topic-8: Metabolic Pathway Analysis using Bioinformatics to Detect Disease Related Biomarkers.</u> Resource Persons: Prof. Dr. Md. Aminul Hoque, Dept. of Statistics, RU., Rajshahi
10:30-10:45	TEA-Break

10:45-12:15	Technical Session 5: Chaired by Professor Dr. Md. Bahanur Rahman, Dept. of Microbiology and Hygiene, BAU, Mymensingh
10:45-11:30	<i>Topic-9: Next generation drug discovery: Designing Drugs by Computer</i> <i>Resource Person: Mr. S. M. Zahid Hosen, Scientific Officer, BCSIR, Chittagong</i>
11:30-12:15	<i>Topic-10: Computational Biology for Understanding Structure-Function Relationships of Proteins</i> <i>Resource Person: Prof. Dr. Md. Abul Kalam Azad, Dept. of Genetic Engineering and Biotechnology, SUST, Sylhet</i>
12.15- 13.00 pm	Session 7: Closing Session Feedback session, BBCBA Membership drive Certificate awarding ceremony



12/05/2017

(Prof. Dr. Md. Abdul Alim),
Convenor, Workshop Organizing Committee.
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& Vice-President of BBCBA, Phone: 01983787998