

PROGRAMME SCHEDULE

PSE-NPS 2020 SUMMIT, KHULNA UNIVERSITY

“Natural Products for Healthy Living”

Journalist Liakat Ali Auditorium, Khulna University

Thursday 16 January – Saturday 18 January 2020

Day 2 Schedule

Friday: 17 January 2020	
Session I: Invited Guest Lectures	09.00-10.40AM Venue: Journalist Liakat Ali Auditorium, Khulna University Chair: Prof Muhammad Ilias and Dr Md Hossain Sohrab
	09.00-09.25 Dr Anupam D Talukdar (Lecture 1) Department of Life Science & Bioinformatics, Assam University, Silchar, India <i>Uncovering the anticancer mechanism of alkaloids against hepatocellular carcinoma (HCC): An integrated network analysis</i>
	09.25-09.50 Prof Satya Sarker (Lecture 2) Director, School of Pharmacy & Biomolecular Sciences, Liverpool John Moores University, Liverpool, UK <i>Resazurin assay and scanning electron microscopy (SEM) based antimicrobial activity studies on Iraqi medicinal plants: Citrus grandis, Citrus sinensis and Ruta chalepensis</i>
	09.50-10.15 Prof Muhammad S Mubarak (Lecture 3) Professor of Chemistry, The University of Jordan, Amman, Jordan <i>Plant secondary metabolites as anticancer agents</i>
	10.15-10.40 Prof Pulok K Mukherjee (Lecture 4) Director, School of Natural Product Studies, Jadavpur University, India <i>Development of bioeconomy: Drug from nature and our ancestors</i>
Tea/Coffee/ Prayer Break	10.40-11.00
Parallel Session II: Oral	11.00AM - 12.30PM Venue 1: Journalist Liakat Ali Auditorium, Khulna University Chair: Dr Kenneth Ritchie and Prof Samir K Sadhu
	11.00-11.15 Dr Prakash Roy Choudhury (OP 1) School of Life Sciences, Assam University, Assam, India <i>Ethno-medico-botanical aspects of Mishing tribe of Majuli Island, Assam</i>
	11.15-11.30 Prof Kamrul Islam (OP 2) Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Bangladesh <i>Phyto-pharmacological assessment of indigenous medicinal plant for antidiabetic potentials</i>
	11.30-11.45 Dr Apurba Kumar Barman (OP 3) Department of Pharmacy, Ranada Prasad Shaha University, Bangladesh <i>Comparative pharmacologic profiles of leaves of two</i>

Presentation		mangrove plant species - <i>Ceriops decandra</i> (Griff.) and <i>Ceriops tagal</i> (Perr.)
	11.45-12.00	Susmita Paul (OP 4) Pharmacy Discipline, Khulna University, Bangladesh. <i>Antioxidant and chemopreventive potentialities of Tamarix indica with its toxicological study</i>
	12.00-12.15	Prof Chowdhury Faiz Hossain (OP 5) Department of Pharmacy, East West University, Bangladesh Isolation and purification of arjunolic acid from <i>Terminalia arjuna</i> and evaluation of its toxicological effects in Sprague Dawley rats
	12.15-12.30	Dr Md Ashraful Alam (OP 6) Department of Pharmaceutical Sciences, North South University, Bangladesh <i>Effect of Senna alexandrina leaves powder supplementation on oxidative stress, inflammation and non-alcoholic fatty liver diseases in high fat diet fed obese rats</i>
Parallel Session II: Oral Presentation	11.00AM - 12.30PM Venue 2: Acharya Jagadish Chandra Bose Academic Building, Room 2465 Chair: A/Prof Kishor Mazumder and Prof Md Abdul Al-Bari	
	11.00-11.15	Dr Arindam Maity (OP 7) School of Pharmaceutical Technology, Adamas University, West Bengal, India <i>Journey of naturally isolated active molecules to semi synthetic derivatives via azomethine ylide or 1, 3 Dipolar Cycloaddition for better pharmacological activity</i>
	11.15-11.30	Md Emdadul Islam (OP 8) Biotechnology and Genetic Engineering Discipline, Khulna University, Bangladesh <i>Enriched flavonoid content of heritiera fomes ethanolic extract in enhancement of antioxidant and anti-coagulation activity</i>
	11.30-11.45	Mst Shammi Akhter (OP 9) Pharmaceutical Sciences Research Division, BCSIR Laboratories, Bangladesh <i>Study on secondary metabolites of an endophytic fungus Colletotrichum gloeosporioides isolated from the plant Justicia gendarussa Burm</i>
	11.45-12.00	Shanita Zaman Smrity (OP 10) Dept. of Pharmacy, Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Gopalganj, Bangladesh Biochemical investigation of endophytic fungi isolated from medicinal plant <i>Terminalia arjuna</i> Roxb
	12.00-12.15	Md Najem Uddin (OP 11) Bangladesh Council of Scientific and Industrial Research, Bangladesh <i>Comparative study on antimicrobial activity of different parts of Abelmoschus moschatus against multi-resistant pathogens</i>
	12.15-12.30	Dr Rejina Afrin (OP 12) Department of Pharmacy, East West University, Bangladesh <i>Hepatoprotective effect of Basidiomycetes-X against non-alcoholic steatohepatitis in experimental NASH-HCC mice</i>

		<i>model</i>
Lunch/ Prayer Break	12.30-2.30PM	
Session III: Invited Guest Lectures	02.30-04.10PM Venue: Journalist Liakat Ali Auditorium, Khulna University Chair: Prof Liaquat Ali and Dr Anupam D Talukdar	
	2.30-2.55	Prof Muhammad Ilias (Lecture 5) Research Professor, National Center for Natural Products Research, School of Pharmacy, University of Mississippi, USA <i>Bis-benzyltetrahydroisoquinoline alkaloid-based combination therapy for drug resistant malaria</i>
	2.55-3.20	Dr Lutfun Nahar (Lecture 6) School of Pharmacy & Biomolecular Sciences, Liverpool John Moores University, UK <i>Superfoods – Nature’s best</i>
	3.20-3.45	Dr Md Hossain Sohrab (Lecture 7) Pharmaceutical Sciences Research Division, Bangladesh Council of Scientific and Industrial Research, Bangladesh <i>Endophytic fungi: Sources of diversified bioactive natural compounds</i>
	3.45-4.10	Dr Norazah binti Basar (Lecture 8) Department of Chemistry, Faculty of Science, University Teknologi Malaysia, Malaysia <i>Quantification of α-mangostin from <i>Garcinia mangostana</i> pericarp using natural deep eutectic solvent</i>
Tea/Coffee / Prayer Break	4.10-4.30PM	
Session IV: Parallel Short Oral Presentation	4.30-6.00PM Venue 1: Journalist Liakat Ali Auditorium, Khulna University Chair: Prof Ashik Mosaddik and Dr Lutfun Nahar	
	4.30-4.40	Tawhida Islam (SO 1) Department of Pharmacy, Bangabandhu Sheikh Mujibur Rahman Science & Technology University, Bangladesh <i>Anticancer perspectives of the fungal-derived polyphenolic hispolon</i>
	4.40-4.50	Debasree Bhadra (SO 2) Pharmacy Discipline, Khulna University, Bangladesh <i>Investigation of anti-hyperlipidemic effect of <i>Typhonium trilobatum</i> leaves</i>
	4.50-5.00	Md Mahedi Hassan Tusher (SO 3) Asian Network for Research on Antidiabetic Plants, Bangladesh University of Health Sciences, Bangladesh <i>Evaluation of the anti-diabetic properties of methanolic Fruits extract of <i>Zanthoxylum armatum</i> n-STZ induced Type-2 diabetic model rats</i>
	5.00-5.10	Shamim Molla (SO 4) Department of Pharmacy, Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Bangladesh <i>Phytochemical and pharmacological investigation of <i>Pogostemon strigosus</i> Benth</i>
	5.10-5.20	Abhijit Mitra (SO 5) Dept. of Life Science and Bioinformatics, Assam University, India <i>Antioxidant and immunomodulatory activities of the</i>

		<i>methanol extract of Pteris semipinnata L. (Pteridaceae) fronds: An in vitro investigation</i>
	5.20-5.30	Shaown Chakraborty (SO 6) Pharmacy Discipline, Khulna University, Bangladesh <i>Phytochemical and Pharmacological Evaluation of Leaves of Asplenium longissimum (Family-Aspleniaceae)</i>
	5.30-5.40	Naznin Shahria (SO 7) Institute of Biological Sciences, Rajshahi University, Bangladesh <i>Moringa oleifera</i> in combination with sitagliptin potentiates antihyperglycemic, antidyslipidemic and hepatoprotective effects on streptozotocin induced diabetic rats
	5.40-5.50	Sheikh Ashikur Rahman (SO 8) Biotechnology and Genetic Engineering Discipline, Khulna University, Bangladesh <i>Evaluation of antibacterial and cytotoxic activities of seeds of five common plants in Bangladesh</i>
	5.50-6.00	Md Arman Islam (SO 9) Pharmacy Discipline, Khulna University, Bangladesh <i>Anti-allergic activity with reduced side effect</i>
	6.00-6.10	Rishi Kant Tripathi (SO 10) Pharmacy College, Itaura, Uttar Pradesh, India <i>Pharmacognostical and antimicrobial evaluation of Delphinium ajacis leaves</i>
	4.30-6.10PM Venue 2: Acharya Jagadish Chandra Bose Academic Building, Room 2445 Chair: Prof Syed Shabbir Haider and Dr Norazah binti Basar	
Parallel Session IV: Short Oral Presentation	4.30-4.40	Rajat Nath (SO 11) Department of Life Science and Bioinformatics, Assam University, India <i>Natural flavonoids are potent inhibitors of EmbC, an arabinosyltransferase of M. tuberculosis: An in-Silico approach for drug discovery</i>
	4.40-4.50	Subrata Das (SO 12) Department of Life Science and Bioinformatics, Assam University, Assam, India <i>Anti-proliferative effect of Ottelia alismoides (L.) Pers. on Human Lung Carcinoma Cells</i>
	4.50-5.00	Bilkis Khanom (SO 13) Department of Pharmacy, Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Bangladesh <i>Chemical Profiling and Brine Shrimp Lethality Bioassay of Methanolic Extract of Tarenna campaniflora (Hook.f.)</i>
	5.00-5.10	Md Mehedi Hasan (SO 14) Department of Pharmacy, Khwaja Yunus Ali University, Bangladesh <i>Comparative Phytochemical and Pharmacological Study of Selected Medicinal plants</i>
	5.10-5.20	Sharika Farhana (SO 15) Department of Applied Chemistry and Chemical Engineering, Islamic University, Bangladesh <i>Chemical and biological investigation on different parts of</i>

		<i>Andrographis paniculata (Burm. f.) Wall. ex Nees</i>
	5.20-5.30	Kazi Jannatul Ferdous (SO 16) Department of Biochemistry and Molecular Biology, University of Dhaka, Bangladesh <i>Bioactivity of endophytic fungi isolated from the plant Curcuma longa in Bangladesh</i>
	5.30-5.40	Rabita Zinnurine (SO 17) Department of Pharmacy, Jahangirnagar University, Bangladesh <i>Bioactive metabolites isolated from endophytes of Swietenia macrophylla</i>
	5.40-5.50	Mahmuda Nasrin (SO 18) Department of Pharmacy, Jahangirnagar University, Bangladesh <i>Isolation of Fusarium keratoplasticum, a novel bioactive compound producing fungus from the leaves of medicinal plants, Commelina benghalensis (L.)</i>
	5.50-6.00	Somorita Baishya (SO 19) Department of Life Science and Bioinformatics, Assam University, India Network biology approach to understand the efflux pump regulation in <i>E. coli</i>
	6.00-6.10	Pradip Debnath (SO 20) School of Natural Product Studies, Department of Pharmaceutical Technology, Jadavpur University, India <i>Quantitative determination of cucurbitacin E in different cultivars of cucumber (Cucumis sativus L.) through RP-HPLC</i>
Parallel Session IV: Short Oral Presentation	4.30-6.10PM Venue 3: Acharya Jagadish Chandra Bose Academic Building, Room 2465 Chair: Prof Satya Sarker and Prof Md Saifuzzaman	
	4.30-4.40	Md Abu Zafor Sadek (SO 21) Institute of Business Administration (IBA), University of Dhaka <i>Market potential of locally manufactured natural medicines in Bangladesh</i>
	4.40-4.50	Tripti Rani Paul (SO 22) Department of Pharmacy, University of Rajshahi, Bangladesh <i>Bioactivity of fruit of Baccaurea ramiflora Lour.: phytochemical and pharmacological screening</i>
	4.50-5.00	Md Rabiul Islam (SO 23) Biotechnology and Genetic Engineering Discipline, Khulna University, Bangladesh <i>Physicochemical, antioxidant and bioactive properties of honeys from the Sundarbans mangrove forest of Bangladesh</i>
	5.00-5.10	H.M. Iftekhar Alam (SO 24) Biotechnology and Genetic Engineering Discipline, Khulna University, Bangladesh <i>Antioxidant properties and potentiality of silver nanoparticulates biosynthesis of thirty-three edible Bangladeshi fruits</i>
	5.10-5.20	Md Shudipta Russel (SO 25) Biotechnology and Genetic Engineering discipline, Khulna

		University, Bangladesh <i>Effects of chitosan as an antifungal and preservative agent on postharvest grapes</i>
	5.20-5.30	A. B. M. Nazmul Islam (SO 26) Chemistry Discipline, Khulna University, Bangladesh <i>Biological activity of coordination compounds of Cobalt (II), Nickel (II) and Copper (II) supported by unique (4-dimethylamino-benzylidene)- [1,2,4] triazol-4-yl-amine) Schiff base ligand</i>
	5.30-5.40	Md Nazmul Hasan Zilani (SO 27) Department of Pharmacy, Jashore University of Science and Technology, Bangladesh <i>Chemical Characterization and pharmacological activities of edible herb Colocasia gigantea</i>
	5.40-5.50	Sheuli Kangsa Banik (SO 28) Department of Life science and Bioinformatics, Assam University, India <i>A genetic insight into the human HDL metabolism dysregulation using computational gene network analysis</i>
	5.50-6.00	Rajib Kanti Roy (SO 29) Department of Nutrition and Food Technology, Jashore University of Science and Technology, Bangladesh <i>Food safety knowledge, attitudes and practices of street food vendors in Jashore region, Bangladesh</i>
	6.00-6.10	Firoza Khanom (SO 30) The ACME Laboratories Ltd, Dhaka, Bangladesh <i>Isolation and identification of bioactive molecules from milk thistle</i>
Tea/Coffee / Prayer Break	6.10-7.10 (Including poster presentation)	
Session V: Poster Presentation	6.10-7.10 (Poster number A101 to A200) Venue: Acharya Jagadish Chandra Bose Academic Building, Level 1	
Conference Dinner and Award Ceremony	7.10-8.30 (Short oral award, Poster award and Sponsors appreciation award)	