



8th ANRAP & OIC - COMSTECH Regional Seminar 2025

Plant Materials and their Clinical Validation in the Management of Diabetes and Metabolic Disorders: Challenges and Scope

Venue: COMSTECH Auditorium

Date: 18 & 19th November 2026

Hybrid Event

(E- Certificates for virtual participants)



Inaugural Program

Time (Pakistan Standard Time)	Session / Title	Speaker / Affiliation
09:30 – 09:45	<i>Guests to be seated</i>	
09:45 – 09:50	<i>National Anthems of Pakistan and Bangladesh</i>	
09:50 – 10:00	<i>Recitation from the Holy Qur'an</i>	
10:00 – 10:10	<i>Welcome Address</i>	H.E. Prof. Dr. Muhammad Iqbal Choudhary, Mustafa (PBUH) Prize Laureate, H. I., S. I., T. I., Coordinator General, OIC–COMSTech
10:10 – 10:20	<i>Introduction to Seminar and Background by Network Leader of Asian Network of Research on Antidiabetic Plants (ANRAP)</i>	Prof. Dr. Begum Rokeya Network leader, ANRAP, Secretary General, ANRAP Board, & Dean, Bangladesh University of Health Sciences.
10:20 – 10:30	<i>Remarks of Guest of Honor</i>	H.E. Mr. Iqbal Hussain Khan High Commissioner of the People's Republic of Bangladesh, Embassy of Bangladesh Islamabad, Pakistan
10:30 – 10:40	<i>Remarks by Guest of Honor (Online)</i>	H.E. Mr. Aftab Ahmad Khokher, Assistant Secretary General (S &T), OIC
10:40 – 10:55	<i>Remarks of the Chief Guest</i>	Hon. Mr. Syed Mustufa Kamal, Federal Minister of Health Ministry of National Health Services Regulations & Coordination, Gov. of Pakistan.
10:55 – 11:00	<i>Vote of Thanks</i>	Ms. Khazima Muazim Program Manager, OIC - COMSTech
11:00 – 11:20	<i>Group Photo</i>	

Scientific Program

Time (Pakistan Standard Time)	Session / Title	Speaker / Affiliation
Session I: Chaired by: Prof. Dr. Mudassir Israr, Adviser OIC – COMSTech		
11:20 – 12:05	<i>Prevention of Diabetes and Other NCDs through Faith-Based Leaders</i>	National Prof. Dr. Abul Kalam Azad Khan,

		<i>President, Diabetic Association of Bangladesh & Chair, Centre for Global Health Research (CGHR) of Diabetic Association of Bangladesh (BADAS)</i>
12:05 – 12:40	<i>Medicinal plants in the treatment of diabetes and its complications: local use and scientific evidence</i>	Prof. Dr. Begum Rokeya <i>Network leader, ANRAP & Secretary General, ANRAP Board Dean, Bangladesh University of Health Sciences.</i>
12:40 – 13:00	<i>Q/ Ans Session</i>	
13:00 – 14:00 Lunch & Prayer Break		
Session II: Chaired by: Prof. Dr. Begum Rokeya <i>Network leader, ANRAP, Secretary General, ANRAP Board & Dean, Bangladesh University of Health Sciences, Bangladesh</i>		
14:00 – 14:30	<i>Anti-Glycation Properties of Momordica charantia: Possible Role in Management of Diabetic Wound Healing</i>	Prof. Dr. Nessar Ahmed <i>Reader in Clinical Biochemistry, Department of Life Sciences Manchester Metropolitan University United Kingdom</i>
14:30 – 15:00	<i>Safety Challenges of Herbal Medicines in Bangladesh: Contamination, Adulteration, and Toxicity</i>	Prof. Dr. Rausan Zamir <i>Associate Professor, Department of Chemistry University of Rajshahi</i>
15:00 – 15:30	<i>Commercialization of Research: Challenges Faced</i>	Prof. Dr. Vijaya Kumar, <i>Prof. Emeritus, Department of Chemistry, University of Peradeniya, Sri Lanka</i>
15:30 – 16:00	<i>Antidiabetic Potential and Isolation of Bioactive Compounds from Four Traditional Medicinal Plants</i>	Dr. Md. Ranzu Ahmed <i>Associate Professor, Department of Chemistry Bangladesh University of Health Sciences (BUHS),</i>
16:00 – 16:15	<i>Q/ANS session</i>	
16:15 – 16:30	<i>Tea Break</i>	
Day 2 19th November 2025		
Session III: Chaired by: Prof. Dr. Nessar Ahmed <i>Reader in Clinical Biochemistry, Department of Life Sciences Manchester Metropolitan University, United Kingdom</i>		

09:30 – 10:00	<i>The effect of Salinity Composition On Freshwater Aquatic Species In River Water</i>	Prof. Dr. Barry N Noller Principal Research Fellow, Centre For Mine Land Rehabilitation, The University of Queensland, Australia
10:00 – 10:30	<i>Perspective of New Alpha Glucosidase Inhibitors as Antidiabetic Drugs</i>	Professor. Dr. Shamsun Nahar Khan, Department of pharmacy East West University, Dhaka, Bangladesh
10:30 – 11:00	<i>Anti-liver-cancer Effect and Molecular Mechanisms of Flower Extract from Camellia nitidissima C.W Chi based on Network Pharmacology and in vitro Cell Culture Validation</i>	Mr. Md Asrafuzzaman, Senior Research Fellow ANRAP Bangladesh University of Health Sciences, Bangladesh
11:00 – 11:15	Tea Break	
Session IV Chaired by: National Prof. Dr. Abul Kalam Azad Khan, President, Diabetic Association of Bangladesh and Chair, Centre for Global Health Research (CGHR), Diabetic Association of Bangladesh (BADAS), Dhaka, Bangladesh		
11:15 – 11:45	<i>TBC</i>	Prof. Dr. Atia- tul-Wahab, Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi
11:45 – 12:15	<i>Antidiabetic and antiinflammatory potential of Hibiscus sabdariffa fruit aqueous extract and impact on COX-2, TNF-α, IL-1β, and IRS-1 in nSTZ-induced Type 2 Diabetic rats (Online)</i>	Mr. Mir Tahfikur Rahman, Bangladesh University of Health Sciences
12:15 – 12:30	<i>Chemical and Biological Investigations on Some Edible Culinary Spices: Cuminum cyminum (Cumin), Nigella sativa (Black cumin), Trigonella foenum graecum (Fenugreek) (Online)</i>	Mst. Fakid Sharmin Sristy Hajee Mohammad Danesh Science and Technology University, Bangladesh
12:15 – 12:45	<i>Metabolic Profiling of White-Flowered Silybum marianum var. albiflorum (Online)</i>	Prof. Dr. Sameh AbouZid Head of Pharmacognosy Department, Faculty of Pharmacy, Beni-Suef University
12:45 – 13:00	<i>Antioxidant and Antidiabetic Effects of Clinacanthus nutans leaves in n-STZ Induced type-2 Diabetic rats: Role of GLUT4 and Insulin receptor gene expression (Online)</i>	Mr. Tanvir Mahtab Rifat Research Fellow, ANRAP Bangladesh University of Health Sciences
13:00 – 14:00	Lunch & Prayer Break	
Session V: Chaired by: Prof. Dr. Vijaya Kumar,		

<i>Prof. Emeritus, Department of Chemistry, University of Peradeniya, Sri Lanka</i>		
14:00 – 14:15	<i>Comparative Study of the hypoglycemic activity of the ethanolic extract of the bark of the Trunk of sclerocarya birrea and that of the Insulin used in the Treatment of Type ii Diabetes (Online)</i>	Dr. Adjoavi Esse Agossou , Assistant Professor in Biochemistry, Physiology and Pharmacology, Faculty of Science and Technology, University of Abomey-Calavi
14:15 – 14:30	<i>Targeting Psoriasis and Insulin Resistance Using Herbal Formulation In Type 2 Diabetic Patients</i>	Dr. Muhammad Asghar Khan Chief Scientific Officer, PhD Biochemistry, NUMS, Pakistan
14:30 – 14:45	<i>Comparative in vitro Enzyme Inhibitory Activities of Different Plant Parts of Five Albizia Species (Leguminosae)(Online)</i>	Mr. Abdullahi Adeyemi Adegoke , Department of Pharmacognosy, University of Ibadan, Ibadan Nigeria.
14:45 – 15:00	<i>Isolation, Characterization, and Computational Evaluation of Bioactive Compounds from Syzygium formosum Leaves with Antidiabetic Potential</i>	Ms. Rozina Parul , Gono Bishwabidyalay, Nolam, Savar, Bangladesh
15:00 – 15:20	<i>Exploration of The Antidiabetic Potential of Buxus wallichiana: Bridging Traditional Use with Pharmacological Evidence.</i>	Prof. Dr. Zia Uddin , Department of Pharmacy, COMSATS University Islamabad, Abbottabad Campus.
15:20 – 16:00 Closing Ceremony		
15:20 – 15:30	<i>Closing Remarks on Behalf of ANRAP</i>	Prof. Dr. Begum Rokeya Network leader, ANRAP & Secretary General, ANRAP Board Dean, Bangladesh University of Health Sciences.
15:30 – 15:40	<i>Closing Remarks on Behalf of OIC-COMSTECH</i>	Dr. Shahid Mahmud Honorary Senior Adviser, OIC - COMSTECH
15:40 – 16:00	<i>Distribution of Certificates</i>	
16:00 – 16:15	<i>Tea Break</i>	

Zoom Link:

Time: Nov 18, 2025 09:00 AM Islamabad, Karachi, Tashkent, Every day, until Nov 19, 2025, 2 occurrence(s)

<https://zoom.us/j/94567172940?pwd=I20N9QlaxKXBTfF3TbnAhKPtpWTOMq.1>

Meeting ID: 945 6717 2940

Passcode: 367821