




DIABETES SYMPOSIUM

“Emerging Therapeutics Strategies for the Treatment of Diabetes and Diabetic Complications”

November, 14th 2024



Organized by:
Department of Pharmacology and Toxicology
National Institute of Pharmaceutical Education and Research,
S.A.S. Nagar (Mohali), Punjab-160062.



Venue: Central Seminar Hall, NIPER S.A.S. Nagar

09:00-09:30 AM		Registration and Joining the Hybrid Event	
09:30-10:45 AM		Inauguration	
		Welcome address and overview of the symposium	Prof. Shyam S. Sharma NIPER SAS Nagar <i>Organizing Chairperson</i>
		Address by the Patron of the symposium	Prof. Dulal Panda NIPER S.A.S. Nagar
		Inaugural address: Emerging Strategy for Prevention of Diabetes and its Complications	Prof. Sanjay Bhadada PGIMER Chandigarh
		Keynote lecture: The New Face of Diabetes: The Journey on Novel strategies for its management	Dr. Sudhir Sharma <i>Enparis Bio Pvt. Ltd and Biosparin</i>
		Vote of Thanks	Dr Ashutosh Kumar NIPER SAS Nagar <i>Organizing Secretary</i>
10:45-11:00 AM : Tea Break and Group Photograph			
IL1	11:00-11:30 AM	Prof. K.B. Tikoo NIPER SAS Nagar	MicroRNA based therapeutics: An emerging option for ameliorating Insulin Resistance
IL2	11:30-12:00 PM (online)	Prof. Anil Gaikwad BITS Pilani, Rajasthan	Pharmacological Interventions Targeting Different Pathophysiological Aspects of Diabetic Acute Kidney Injury
IL3	12:00-12:30 PM (online)	Prof. T. Velpandian AIIMS, New Delhi	Rationalising Drug Therapy for diabetic retinopathy
IL4	12:30-1:00 PM (online)	Prof. Rayaz Malik Weill Cornell Medicine - Qatar	Diagnosis and Management of Diabetic Neuropathy
IL5	1:00-1:30 PM (online)	Dr. Mukul Jain Zydus Research Centre, Ahmedabad	Saroglitazar: Addressing the Unmet Medical Needs in Diabetes and Beyond
1:30-2:00 PM Lunch			
IL6	02:00-02:20 PM (online)	Dr. Ashok Datusalia NIPER Raebareli	Exploring the Neural Consequences of Insulin Resistance: From Behaviour to Mechanisms

IL7	02:20-02:40 PM (online)	Dr Pragyanshu Khare <i>BITS Pilani, Rajasthan</i>	Chill Out: How Menthol Boosts Energy Burn and Fights Insulin Resistance
IL8	02:40-03:00 PM (online)	Prof. Bikash Medhi <i>PGIMER Chandigarh</i>	Pharmacovigilance of Anti-Diabetic Drugs
IL9	03:00-03:20 PM	Prof. Shyam S Sharma <i>NIPER SAS Nagar</i>	Emerging Therapeutics for the Treatment of Diabetes-induced Cardiovascular Dysfunctions: Current Perspective
IL10	03:20-03:40 PM	Dr. Ashutosh Kumar <i>NIPER SAS Nagar</i>	Mitochondrial dysfunction in Diabetes and Diabetic Complications
4:00-6:15 PM Oral Presentations by Young Researchers			
	Presenter	Title of Presentation	
OP1	Abhishek Goel	Benzosuberene-alkyl sulfones encourage the mitochondrial uncoupling for non-shivering thermogenesis and improve whole body energy metabolism.	
OP2	Ajay Verma	Vitex negundo Leaf Extracts Protect against Streptozotocin-Induced Diabetic Neuropathy in Rats.	
OP3	Anukrati Agnihotri	Advances in Artificial Pancreas and Smart Insulin Technologies for Enhanced Diabetes Management.	
OP4	Bharat J Byalahunashi	Evaluation of Tulsi Leaf Extract in Treating Diabetic Neuropathy and Associated Complications in Mice.	
OP5	Jyoshna Rani Dash	Combination of Catechin and metformin: Preclinical efficacy and safety in STZ-induced diabetic rats.	
OP6	Koushik Das	GDM followed by diabetes mellitus.	
OP7	Mohsin Ahmad Mohammad Ameen	Design, Docking, ADME Properties, Synthesis of Some 1, 2, 3-Trisubstituted-1H-indole Derivatives for Activating Effect on Glucokinase Enzyme.	
OP8	Ms. Sarah F. Gadavala	Evaluation of Anti diabetic activity of <i>Salvia nemorosa</i> plant using alpha amylase inhibitory activity.	
OP9	Mustak Ahamed	The Impact of Strict Diabetes Management on the Growth and Advancement of Chronic Issues in Insulin-Dependent Diabetes Mellitus.	
OP10	Pooja Singh	Dexamethasone-Induced Modulation of Akt/GSK3 β /CREB Pathway Under Neuronal Insulin Resistance in N2A Cells.	
OP11	Reema Mitra	Comparison and Correlation of Protective Ability of <i>Ipomoea reniformis</i> and <i>Embelia basaal</i> Extract in an Experimental Model of Streptozotocin Induced Nephropathy.	
OP12	Sakshi Tyagi	Exploring the Neuroprotective effect of Metformin in Diabetes-associated affective abnormalities.	
OP13	Shekhar Shahaji Nalawade	In vitro alpha amylase inhibitory activity of fresh juice and extract of <i>Chamaecostus cuspidatus</i> leaves.	
OP14	Shreyash Santosh Yadav	Combined High-Fat Diet and Acute Stress Drive Neurobehavioral Deficits and Nectin-1/3 Dysregulation.	
6:15-6:30PM Concluding Remarks (Prof. Shyam S. Sharma and Dr Ashutosh Kumar)			