



International 'Diabetes-One Health' e-Conference

Jointly Organized by

SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES

&

**DIABETES UNIT, KEM HOSPITAL & RESEARCH
CENTRE, PUNE**

March 4 - 5, 2021

Sponsored by



ABOUT THE e-CONFERENCE

Theme for the conference is "Diabetes and One Health". One Health is a holistic, transdisciplinary and multisectoral concept where human and animal health is integrated with the environment. Global changes and human activities are responsible for increased environmental contaminants causing ecological disequilibrium and loss of biodiversity. This has further increased prevalence of communicable and non-communicable diseases. Correlation of one health approach with diabetes is required for the development of novel control strategies. Restoring the desired equilibrium and dynamics in healthy ecosystems will provide a framework for more integrated operational initiatives for the management of diabetes.

SCOPE OF THE MEETING

- Human Health
- Environmental Health
- Animal Health

WHO CAN ATTEND ?

Students, Clinicians, Researchers, Educationists, Diabetes Care Providers, Veterinary Doctors, Animal Health Professionals, Industrialists, Policy Makers etc.

SCIENTIFIC PROGRAM

Day 1 : 4th March 2021

18.00 – 20.30 Indian Standard Time (IST)		7.30 – 10.00 Eastern Standard Time (EST)	
Indian Standard Time (IST)	Eastern Standard Time (EST)	Title	Speaker
18.00 - 18.15	7:30 - 7.45	Inauguration (Dr. R. Yeravdekar, Prof. V. Rale, Prof. C. S. Yajnik, Dr. P. Kaul)	
18.15 - 18.45	7.45 - 8.15	How the intrauterine environment determines endocrine pancreatic plasticity and the risk of future diabetes	Prof. David Hill Scientific Director, Lawson Health Research Institute, London; Lawson Chair in Diabetes Research, Lawson Health Research Institute, St. Joseph's Health Care, London Ontario, Canada
18.45 - 19.15	8.15 - 8.45	Immune resilience on all scales - From personal to planetary ecology	Prof. Susan Prescott Professor, Paediatrics, University of Western Australia; Director, ORIGINS PROJECT Telethon Kids Institute; Immunologist and Paediatrician, Perth Children's Hospital, Western Australia
19.15 - 19.45	8.45 - 9.15	Diabetes and COVID 19	Prof. Hari Sharma Founder President IABS Erasmus MC, University Medical Centre, Rotterdam, The Netherlands
19.45 - 20.15	9.15 - 9.45	Rapidly increasing burden of diabetes across India	Prof. Lalit Dandona Director, India State-Level Disease Burden Initiative ICMR Distinguished Scientist and National Chair of Population Health, ICMR, New Delhi, India
20.15 - 20.30	9.45 - 10.00	Panel Discussion: Session Chair- Dr. Mohan Gupte Ex- Director, ICMR National Institute of Epidemiology, Chennai, India	

Day 2 : 5th March 2021

18.00 – 20.30 Indian Standard Time (IST)		7.30 – 10.00 Eastern Standard Time (EST)	
18.00 - 18.30	7:30 - 8.00	Gender, family and diabetes	Dr. Kaberi Dasgupta Professor of Medicine and Physician-Scientist McGill University and the Research Institute of the McGill University Health Centre, Canada
18.30 - 19.00	8.00 - 8.30	Human-animal relations and health benefit	Dr. Pralhad Wangikar CEO and Director PRADO, Preclinical Research and Development Organization, Pvt. Ltd. Pune
19.00 - 19.30	8.30 - 9.00	Gestational diabetes in migrants and aboriginals in Canada	Prof. Sonia Anand Associate Chair, Equity & Diversity; Tier 1 Canada Research Chair, HSF/Michael G. DeGroot Chair in Population Health Research; Director, Population Genomics Program, McMaster University, Canada
19.30 - 20.00	9.00 - 9.30	Endocrine Disrupting Chemicals: Emerging Environment and Human Health Challenges for India	Mr. Piyush Mohapatra Senior Program coordinator (Chemicals and Health) Toxics Link, New Delhi, India
20.00 - 20.15	9.30 - 9.45	Panel Discussion: Session Chair- Dr. Mohan Gupte Ex- Director, ICMR National Institute of Epidemiology, Chennai, India	
20.15 - 20.30	9.45 - 10.00	Concluding Session	

REGISTRATION

Indian - Students : INR 250 ; Faculty/Others : INR 500. International : US \$ 20

Last date : March 3, 2021, IST 17:00

Registration Link :

https://docs.google.com/forms/d/e/1FAIpQLSeTHFKFx8_4Q3ueU2FFAvhs7OxBpX_brtwlhz9Mmj43EqxHgg/viewform

e-Certificate to all the registered participants.

Contact details: Dr. Rashmi Tupe (+91-9922263074) / Dr. Neetu Mishra (+91-9890093337)

Symbiosis School of Biological Sciences (SSBS), Symbiosis International (Deemed University)

(SIU), Lavale, Pune- 412115, India. Contact No.: +91-20-28116475/76; +91-20-61936475/76

E-mail: info@ssbs.edu.in

Website: www.ssbs.edu.in

SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES (SSBS)

SSBS was established by Symbiosis International (Deemed University) in 2011 under the Faculty of Health Sciences to address the need for a school devoted towards training, research and development in the field of biological sciences and forming an interface with the healthcare sector and industry. The School offers Masters and Ph.D. programs in Biotechnology. Focused research areas are stem cell biology & regenerative medicine, biomarker discovery in complex disease diagnosis, vaccine development, metabolic Engineering, host-pathogen Interactions, bacterial quorum sensing and, bioprocess engineering. In diabetes and metabolic diseases, our current focus is on glycation modifications in diabetes and complications; CVD risk and ageing associated with Type 2 Diabetes mellitus.

DIABETES UNIT, KEM HOSPITAL & RESEARCH CENTRE

The Diabetes Unit at the KEM Hospital and Research Centre is the first dedicated diabetes center in Western India, started in 1987. It provides comprehensive diabetes care through the Pankuwar Firodiya Daycare Centre, and the Kamalnayan Bajaj Diabetology Research Centre which is specialized to investigate peculiarities of diabetes in Indians. We described the novel finding that the small looking Indians are thin by BMI criteria but fat because of high body fat percent. This characteristic is present at birth and is contributed by maternal nutritional and metabolic factors ('fetal programming').

SHASTRI INDO-CANADIAN INSTITUTE (SICI)

The Shastri Indo-Canadian Institute (SICI) is a bi-national organization that promotes understanding between India and Canada through academic activities and exchanges. Golden Jubilee Conference and Lecture Series Grant (GJCLSG) of Shastri Institute started in 2018, these grants are a part of SICI's golden jubilee programme series which aims to encourage its members to build-up bi-national component in collaboration with other institutions. This programme is supported by funds from the Ministry of Education (MoE), Government of India.



KNOWLEDGE PARTNER

INDIAN ACADEMY OF BIOMEDICAL SCIENCES (IABS)

Dissemination of knowledge and promotion of academic excellence in Biomedical Sciences.

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ORGANIZING COMMITTEE

- **Patron** - Dr. Rajiv Yeravdekar, Dean, Faculty of Health Sciences, SIU
- **Conference Director** - Prof. Vinay Rale, Director, SSBS, SIU, Pune
- **Conference Co- Director** - Prof. C. S. Yajnik, Director, Diabetes Unit, KEM Hospital & Research Centre, Pune
- **Organizing Secretary** - Dr. Rashmi S. Tupe, Associate Professor, SSBS, SIU, Pune
- **Organizing Secretary** - Dr. Neetu Mishra, Associate Professor, SSBS, SIU, Pune

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

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