

SICI-Golden Jubilee Lecture Series

On

Barcoding and Metabarcoding approaches for the rapid identification of biological species

India is a home for almost 0.581 million species (7% of global diversity) and there is ongoing research documenting this diversity. Canada is a pioneer in the field of barcoding and a global leader in this field. The SICI GJ lecture series will introduce the audience to the objectives of documenting biodiversity and the current methods in use and in development. The lecture series targeting researchers and students from SICI member and non-member Institutes to strengthen Indo-Canadian research collaborations.



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY
University with Graded Autonomy Status
(An ISO 21001 : 2018 Certified Institution)
Periyar E.V.R. High Road, Maduravoyal, Chennai-95, Tamilnadu, India.



The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The Shastri Institute is funded by and partners closely with government bodies in both India and Canada.

MGR ERI is a private University offering a spectrum of professional courses in engineering, medicine allied health sciences, law, commerce, management and architecture. The Institute has a focus on innovative research and entrepreneurship.

**25th Feb 2021,
17:00 IST; 6:30 EST
Inauguration**



Dr. Prachi Kaul,
Director, Shastri
Indo-Canadian
Institute, India



Dr. Dirk Steinke,
University of
Guelph, Canada



**Dr. Rama
Vaidyanathan, Dr.**
MGR Educational and
Research Institute,
Tamil Nadu, India



**Dr. Archana
Chauhan, Panjab
University,
Chandigarh, India**



Dr. Sudha Rao,
Gentoypic Technology,
Karnataka, India

**26th Feb 2021,
17:00 IST; 6:30 EST
Valedictory Session**



John Reid,
President Elect,
Shastri Indo-
Canadian
Institute, Canada

Agenda

25th Feb 2021

17:00 IST; 6:30 EST

Inaugural Session

Dr. Prachi Kaul, Director, Shastri Indo-Canadian Institutes

Scientific Session

17:15 IST; 6:45 EST

Introduction to DNA Barcoding and using and developing methods to study mosquito biodiversity

Dr. Rama Vaidyanathan, Dr. MGR Educational and Research Institute, Tamil Nadu, India

18:00 IST; 7:00 EST

Foundations of Metabarcoding

Dr. Dirk Steinke, University of Guelph, Canada

18:45 IST; 7:45 EST

Bioinformatics and Databases to enable Metabarcoding

Dr. Sudha Rao, Gentoypic Technology, Karnataka, India

19:30 IST; 8:30 IST

Questions

26th Feb 2021

17:00 IST; 6:30 EST

Environmental DNA analysis

Dr. Dirk Steinke, University of Guelph, Canada

17:45 IST; 7:15 EST

Monitoring of aquatic biodiversity using environmental DNA metabarcoding

Dr. Archana Chauhan, Panjab University, Chandigarh, India

18:30 IST; 8:00 EST`

Applications of Biodiversity Genomics

Dr. Dirk Steinke, University of Guelph, Canada

19:15 IST; 8:45 EST

Veledictory Session

Dr. John Reid, President Elect, Shastri Indo-Canadian Institutes

Registration

For details, visit website

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