

XV Genetics Congress Trust & Indian Agricultural Research Institute

Webinar Series on Basic Genetics & Molecular Biology for Biology Teachers

In fond memory of Prof. V. L. Chopra



Dr. R. Srinivasan, NIPB



Dr. Mitali Mukerji, IGIB



Dr. Akshay Talukdar, IARI

Registration Link for Forenoon sessions

https://us02web.zoom.us/join/wn_Z1lwJJ1fQH6X2VUxhi_4iw



15 – 20 June, 2020
LIVE sessions on ZOOM

Ph: 9968806133

Email: geneticstrust@gmail.com; iarinahepcoast@gmail.com

Registration Link for Afternoon sessions

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Dr. Kishor Gaikwad, NIPB



Dr. Deepak S Bishi, NIPB



Dr. Firoz Hossain, IARI



Dr. Shelly Praveen, IARI



Ms. Monika Jain, Sharda Univ.



Dr. Amit K Singh, Sharda Univ.

REPORT ON WEBINAR SERIES ON BASIC GENETICS AND MOLECULAR BIOLOGY FOR BIOLOGY TEACHERS

DATE : 15 JUNE 2020 – 20 JUNE 2020

CONDUCTED BY : INDIAN AGRICULTURAL RESEARCH INSTITUTE & XV GENETICS CONGRESS TRUST

ATTENDED BY : MS. SHIKHA SIKKA

Indian Agricultural Research Institute and XV Genetics Congress Trust conducted a 6 days Webinar Series on Basic Genetics and Molecular Biology for Biology Teachers from 15-20 June 2020. Daily two lectures on different topics of molecular biology and genetics were given by eminent scientists.

The lectures were designed taking into consideration, the topics present in Class XII Biology which further helped everyone to enrich their knowledge and have a detailed view of the concepts. All the eminent speakers presented their topics through PPT's for understanding the concepts in a better way. The technical concepts of linkage, DNA fingerprinting, pedigrees, immunity etc. was revised in a simplified manner. This six-days webinar series was indeed an enriching session to empower the teachers for better delivery in the classrooms.

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Genetics Trust & Indian Agricultural Research Institute

Webinar Series on Basic Genetics and Molecular Biology for Biology Teachers (15-20 June, 2020)

Schedule of lectures

Date	Time	Speaker	Title
15-6-2020	10:30 AM	Dr. Firoz Hossain fh_gpb@yahoo.com	Linkage, recombination, map construction, pedigree analysis
16-6-2020	10:30 AM	Ms. Monika Jain Monika.Jain@sharda.ac.in	Cloning vectors and gene cloning
16-6-2020	2:30 PM	Dr. Deepak S Bisht deebisht@gmail.com	Blotting techniques, PCR, Sanger sequencing and Sequence annotation
17-6-2020	10:30 AM	Dr. Akshay Talukdar akshay.talukdar1@gmail.com	Molecular markers and DNA fingerprinting
17-6-2020	2:30 PM	Dr. Mitali Mukerji mitali@igib.res.in	Applications of genomics in humans
18-6-2020	10:30 AM	Dr. R. Srinivasan srinivasan53@gmail.com	RNAi
18-6-2020	2:30 PM	Dr. Kishor Gaikwad kish2012@gmail.com	Decoding Rice genome – A landmark event for Plant Genomics
19-6-2020	10:30 AM	Dr. Shelly Praveen shellypraveen@hotmail.com	Biochemistry of viruses
19-6-2020	2:30 PM	Dr. Amit Kr. Singh amitk_singh@sharda.ac.in	Immunity and Immunisation
20-6-2020	10:30 AM	Organisers and all speakers	Interaction & Question-Answer Session