

KHORANA DAY REPORT CELEBRATION

In commemoration of the birthday of the eminent Indian American Biochemist Hargobind Khorana, Department of Biotechnology, St. Joseph's College (Autonomous), Irinjalakuda organised a series of events. An e-quiz about Khorana on 9th and a webinar on Cytogenetics: Basics and its applications in diagnosing genetic disorder by Dr.Suresh Kumar R, Scientist B, Jubilee Centre for Medical Research, Thrissur on 18th January 2021 were conducted. There are 145 respondents for quiz and 75 participants for the Webinar. E certificates were issued to participants above 85 percentage for quiz and to all participants of the webinar.

REPORT ON WEBINAR -18-01-2021

With the support of Department of Biotechnology, St. Joseph's College (Autonomous), Irinjalakuda, a WEBINAR was conducted in order to enhance the knowledge on basics of cytogenetics to our students and the participants, the department hosts the webinar on the following schedule and the topic.

Topic: Cytogenetics: Basics and its applications in diagnosing genetic disorder

Date: January 18, 2021

Resource person: Dr. Suresh Kumar R, Scientist B, Jubilee Centre for Medical Research, Thrissur

Time: 1:30 PM to 2:30 PM

Description: During this webinar, he shared the thoughts of his own works on cytogenetics, its various aspects and different genetic disorder identification techniques like FISH, CGH, SKY. He also shared an idea about how to conduct karyotyping and its different aspects. He presented slides showing the procedure of karyotyping, PBLC and FISH.

Program: For this Webinar, registration link using google meet was created. The link was circulated among students and faculties of various Life Science departments of different colleges. 75 participants, both Teaching Faculty Members and Students have participated. At the beginning, Mrs. Dafini Mendez Coordinator of the webinar addresses the audience and Dr. Viji Mary Varghese, HOD, Dept. of Biotechnology gave a welcome address to the participants and after the presentation, Ms. Adheena P.B. of Dept of Biotechnology delivered the vote of thanks.

'KHORANA DAY QUIZ 2021' - REPORT

In connection with birthday of the eminent Indian American Biochemist Hargobind Khorana, Department of Biotechnology, St. Joseph's College (Autonomous), Irinjalakuda, conducted an Awareness E-QUIZ, through google form platform on 09.01.2021.

Aim of the quiz was to create knowledge about the scientist and to publish the efforts of the eminent scientist among present society. Quiz comprised of 20 multiple choice questions. E- Certificates were provided for the participants who secured 85% of marks and above.

145 participants were responded for the quiz. Department of Biotechnology successfully organized the quiz and thereby familiarizes the Indian American Biochemist Har gobind Khorana, in the present society.

Webinar-Cytogenetics

meet.google.com/kuy-znoa-qoe?authuser=0

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1:35 PM

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Dr. Suresh Kumar R
Scientist B
Jubilee Centre for Medical Research
Jubilee Mission Medical College and Research Institute

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Webinar-Cytogenetics

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Webinar-Cytogenetics

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Anjana Menon and 70 more

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Aiswarya malu and 59 more

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BANDING TECHNIQUE- G BANDING

-Most widely used banding technique - Sumner in 1971

Source: The AGT cytogenetic laboratory manual

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1:39 PM

CHROMOSOME STRUCTURE AND ITS TYPES

TYPES OF CHROMOSOMES

HUMAN CHROMOSOMES

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Webinar-Cytogenetics

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