

One Day National Online Webinar
on
Baculo-virus expression system - A System for Recombinant Protein Production
03-06-2021

Report on Webinar Organized

Title: Baculo-virus expression system - A System for Recombinant Protein Production.

Date: 03-06-2021.

Resource Person: N. Vikas Kumar Nilratan, Department of Biophysics, All India Institute of Medical Sciences, New Delhi

Description of the Program:

Vignan's Foundation for Science Technology and Research is NAAC 'A' grade institution and secured good rank in Engineering category by the National Institutional Ranking Framework (NIRF).

The University as well as our department planned to organize a series of webinars on emerging technologies for faculty and research scholars to improve the research potentiality.

As the part of series of webinars department of Biotechnology organized one-day national online webinar on "Baculo-virus expression system - A System for Recombinant Protein Production". This programme has received an overwhelming response. About 304 Faculty members and research scholars from various engineering colleges and industry have participated.

Dr. S. Anil Kumar, Coordinator has welcomed the speaker and all the participants to the webinar. Prof. P. B. Kavi Kishor, introduced the resource person, N. Vikas Kumar Nilratan. In his speech, he highlighted the main objectives and importance of this webinar.

N. Vikas Kumar Nilratan provided the insights in to the Baculo-virus expression system - A System for Recombinant Protein Production. He explained about the importance of Baculo virus expression system, cloning of the genes in to the viral system, selection of transformed cells, plaque assay, small scale and large-scale expression of the proteins. He also explained about SnapGene tool and in silico PCR.

Finally, vote of thanks was given by Dr. N. Jalaja, she thanked every participant for their active participation during entire session. She also expressed the gratitude to the Resource Person, N. Vikas Kumar Nilratan, for sharing of latest research issues with all participants. Also, she expressed her sincere thanks to Dr. L. Rathaiah Garu Chairman, Vignan's group of institutions, Vice-Chancellor Dr. M.Y.S. Prasad and HOD, Biotechnology, VFSTR for giving an opportunity to organize this webinar.

At the end the session the feedback of the participants was very positive and motivational for the organizers. The participants felt very happy for conducting the webinar on "Baculo-virus expression system - A System for Recombinant Protein Production". They have learned the importance of genetic tools in gene isolation, expression and purification in virus. They said that, this program was very useful and helpful for them in their research work and guiding the projects to the students. All the participants appreciated the sessions by our Resource Person and the arrangements made by the organizers.

Snapshots of the Program:

Vignan's Foundation for Science, Technology & Research
(Deemed to be University)
Guntur, Andhra Pradesh, India

WEBINAR

03 June 2021 (Thursday)
10:00 AM - 11:30 AM (IST)

Baculo-virus expression system - A System for Recombinant Protein Production

Speaker

N. Vikas Kumar
Department of Biophysics
All India Institute of Medical Sciences

<https://us02web.zoom.us/j/82534223714?pwd=OHVrUDYsZ2xlclJWTVZ2WGRWU2hlZz09>
Meeting ID: 825 3422 3714 Passcode: 350839

Organizing Secretaries

Dr. S. Anil Kumar (Assistant Professor) Dr. N. Jalaja (Associate Professor)
Prof. S. Krupanidhi (Head) Prof. P. B. Kavi Kishor (Scientific Advisor)
Department of Biotechnology, VFSTR

1. Invitation of the Programme

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(Deemed to be University)
Guntur, Andhra Pradesh, India

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Speaker

N. Vikas Kumar
Department of Biophysics
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Department of Biotechnology, VFSTR

Kakarani, Telangana, India
Unnamed Road, Kakarani, Telangana 508113, India
Lat N 17° 18' 12.5784"
Long E 79° 12' 17.6148"
03/06/21 09:57 AM

2. Screen Shot of the Programme

Zoom Meeting

You are viewing Vikas Kumar Nirkati's screen

View Options

Civil Services Ac... Jalaja Naravula drugdesignelect...

In-silico PCR

Access Tools Window Help

Restriction Cloning
Linearization
PCR...

Open the PCR Dialog

Specify the Primers

Choose the Polymerase

Choose PCR Primers

Review the PCR History

Specify the Sequence for PCR Amplification

Primers : Normal
Codon Optimized

Source : Snap-gene Tool

Chat

for recombinant baculovirus

From Prof.S.Krupanidhi, Vignan to Everyone:

Cytopathic signs are shown well.

From Abraham_Peele to Everyone:

Thanks for your excellent explanation to my question, thanks to anil sir, Jalaja madam prof. kavikishore sir and Prof. Krupanidhi sir for arranging this

From himanshu to Everyone:

Thank you for the explanation

From Prof.S.Krupanidhi, Vignan to Everyone:

Please elaborate on the snap gene tool

From Prof.S.Krupanidhi, Vignan to Everyone:

Thank you Dr. Vikas

To: Everyone

Type message here...

Mute Start Video Security Participants Polls Chat Share Screen Record Reactions End

Type here to search

ENG 11:04 03-06-2021

3. Screen shot of SnapGene tool.