

REPORT

International Online Faculty & Student Development Programme on “Translational and Interdisciplinary research in human Diseases Management”

Centre for Drug Discovery, organized the six days **International Online Faculty & Student Development Programme on “Translational and Interdisciplinary research in human Diseases Management”** from 24th July 2020 to 30th July 2020. Totally 400 participants were attended this event. This program in a Joint program organized by Sathyabama-Chennai and SBS, NTU, Singapore supported by the MHRD-SPARC project. The worlds most renowned scientist were guest of speakers in this event and a mind storming sessions were organized by the team and successfully completed. The program was started with welcome address by **Dr. B. Sheela Rani**, Director- Research and our Hon'ble Vice-Chancellor-**Dr.T.Sasipraba** inaugurated the program. The keynote address was given by Pro- Chancellor-**Dr. Wilson Aruni** and vote of thanks was given by **Dr.Krupakar Parthasarathy**, Scientist E, CDDD. On day first 24/07/2020 two eminent scientist **Prof. Kini Manjunatha**, Dept. of Biological Sciences, NUS, Singapore enlighten the participants by his talk on topic “*From toxins to Therapeutics: Nature inspired*” and **Dr. Anirban Bhunia**, Associate Professor, Bose Institute, Kolkatta, India elaborated his view on “*NMR and Biophysical Techniques in Drug Discovery of Type 2 Diabetes*”. On day two **Dr. M. Shaillender**, IQVIA Asia has given talk on “*Interdisciplinary Research: Data Science, AI in Healthcare Technologies*” and **Dr. S. Seshadri**, Coordinator SIST-TBI, Chennai highlighted the “*Importance of Interdisciplinary Research in Innovation and Commercialization*”. On day three **Dr. M. Elavazaghan**, CEO, PrEls Biotech has given special lecture on topic- “*Redefining the Paradigms of Scientific Entrepreneurship*” and **Dr. K. G. Sreejalekshmi**, Indian Institute of Space Science Technology, Trivandrum has over view on “*Space Biosciences: The Prospective and Opportunities for Research in the Indian Contest*”. On day four **Dr. Sreekanth Rajan**, Scientist, NTU, Singapore has given special lecture on “*Towards Parkinson's diseaseTherapeutics-A Structural Biology Perspective*” and **Dr. V. Haribalaji**, CEO, VivagenDx & DUKE-NUS has given insights on “*CoVID-19: Virus Specific Immune Response*”. On day five **Dr. Goran Biukovic**, NTU has given a special talk on “*Central stalk domain is a new key component of mycobacterial F-ATP synthase in drug targeting*” and **Dr. C.S. Sripriya**, MD MMC, VDRL, Chennai elaborated “*CoVID-19 Diagnostics from a Clinician Perspectives*”. On day six **Dr. Anthony Chua**, CEO, Stratificare has given special talk on “*Bench to Beside Approaches for Dengue and CoVID-19*” and **Dr. K. Anandhi**, inStem, NCBS, Bangalore has shared her views and prospective by delivering a lecture on topic- “*The Bangalore Life Science Cluster (BLiSc) Diagnostic Efforts in CoVID-19 Management*”

**Online International Workshop for Faculty Development on
CRISPR/Cas9 Human Genome Engineering: Basics and Applications**

Centre for Professional and Career Advancement, Centre for Drug Discovery, Sathyabama Institute of Science and Technology and Development and University of Westminster jointly organized the six days Online International Workshop for Faculty Development on CRISPR/Cas9 Human Genome Engineering: Basics and Applications from 24th Aug 2020 to 29th Aug 2020. Five most renowned eminent scientist from University of Westminster- Dr Kalpana Surendranath, Dr John J. Murphy, Dr Kanagaraj Radhakrishnan, Nadeen Solaiman and Ahmed Sidali were given training to the participants on CRISPR/Cas9 technology. Totally 400 participants were registered and participated in the workshop. This course was aimed at researchers with basic understanding about CRISPR-mediated tools and other aspects of genome engineering, from basic biology to technology development. The workshop was focused toward researchers at all levels of training who have a keen interest in learning more about CRISPR/Cas9 technology. The workshop takes a closer look at the origins and basic principles of genome editing technologies, applications of genome engineering for human therapeutics, including case studies like- Generation of a cellular model for investigation of a newly identified cancer driver gene and Validation of genome editing by Sanger sequencing and/or next-generation sequencing methods. The mind storming talks on *CRISPR* in infectious disease biology research and diagnostics and CRISPR towards Clinic: emerging clinical applications of CRISPR/Cas9 as promising strategies in gene therapy and disease correction.

REPORT

Webinar program : NANOPARTICLES FOR BIOMEDICAL APPLICATIONS

Organized by : CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT

Date : 23.07.2020

Centre For Drug Discovery and Development organized one day webinar on Nanoparticles for Biomedical applications on 23.07.2020

Totally 232 participants from various college and University throughout the India attended the programme

Guest Speaker 1:

Prof.P. Gopinath Ph.D.,
Head,
Centre of Nanotechnology,
Department of Biosciences and Bioengineering,
Indian Institute of Technology Roorkee,
Roorkee -247 667, Uttarakhand, India.
Telephone: 01332285490.

Guest Speaker 2:

Dr S Rajeshkumar
Associate Professor
Nanobiomedicine Lab, Department of Pharmacology,
Saveetha Dental college and Hospital,
Saveetha University, SIMATS, Chennai 600077



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with Grade "A" by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600 119, Tamil Nadu, India.



Cordially invites you all for the special Webinar program on

NANOPARTICLES FOR BIOMEDICAL APPLICATIONS

ORGANIZED BY



CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT

Date : 23.07.2020 Time: 11 AM – 1 PM

Free Registration ▶

<https://forms.gle/Ageck6xnfGpooaq9>



<https://zoom.us/j/92871110161>

E-Certificate will be provided to registered participants

GUEST SPEAKERS

Dr.P.Gopinath Ph.D.,

Associate Professor,
Department of Biotechnology,
Joint faculty in Centre for
Nanotechnology,
Indian Institute of Technology Roorkee,
Roorkee -247 667, Uttarakhand, India.

Dr. S. Rajeshkumar

Associate Professor
Department of Pharmacology
Saveetha Institute of Medical and
Technical Sciences (SIMATS), Chennai -
600077, TN, India

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Dr. MARIE JOHNSON, PRESIDENT, SIST

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Dr. S. S. RAU- Registrar

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Pro Vice Chancellor

ORGANIZING SECRETARY

Dr. T. RAJASEKAR

Scientist C

Co-ORGANIZING MEMBERS

Dr. JERRINE JOSEPH

Scientist D and Head

Dr. S. KUMARAN

Scientist C



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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119. Tamil Nadu,
India



Yoga for Mental and Respiratory Health (Virtual)

Respiratory health has been well document in traditional systems of wellbeing over several millennia. However, it is only in the recent context that we have really woken up to the role that it plays in our overall health and wellbeing. We are living at a time where global warming, erratic climatic changes, poor air quality, excessive exposure to smoke, fungal, viral and bacterial infection is the new normal and the cause behind dwindling respiratory health for many of us. Needless to say that we are now, more than ever, aware of the danger of this becoming rampant.

Mr. Arul Perumal M.Sc., Krishnamachari Yoga Mathiram, Chennai

Mr. Sudharshan, Shkishya yoga, Kanchipuram

Dr.Manigandan, Sri Sankara Arts and Science College, Kanchipuram

No. of Participant: 300



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CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT



Cordially invites you all for the special Webinar program on
"Yoga for Mental and Respiratory Health"
Date : 20th, 22nd July 2020
E-Certificate will be provided to all participants
Join Zoom Meeting <https://zoom.us/j/94673292036>
Meeting ID: 946 7329 2036
Free Registration: <https://forms.gle/KGNat28MRsGEnXwY6>
GUEST SPEAKERS

20.07.2020 11am to 12.00pm  Mr. Arul Perumal, M.Sc., (Yoga) Krishnamacharya Yoga Mandiram , Chennai	21.07.2020 11am to 12.00pm  Dr. E. Manigandan, M.Sc.(Yoga), PGDYE., Ph.D., Yoga Pramukh, Kaayakumar VIVEKANDA Kendra Kanchipuram	22.07.2020 11am to 12.00pm  Mr. Sudharshan Raghavan Shishya Yoga Kanchipuram
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ORGANIZING SECRETARY
Dr. S. Kumaran
Scientist C

ORGANIZING MEMBERS
Dr. Joseph Jerrine
Dr. T. Rajasekar

