

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

Department of Zoology

Title (of online activity /program): International Webinar on “Molecular Imaging in Infectious Diseases”

Participants (number): 154

Resource Person/s: Dr. Gayatri Gowrishankar, Research Scientist, Molecular Imaging Program, Stanford University, USA

Date/s and Time: 5th June 2020 | 10 am to 11 am

Brief Note (including feedback):

The International Webinar on “Molecular Imaging in Infectious Diseases”, brilliantly presented by Dr. Gayatri Gowrishankar, Research Scientist, Molecular Imaging Program, Stanford University, USA, was an eye-opener on the concept of molecular imaging and how tissue response mechanisms to infectious diseases can be diagnosed using molecular imaging techniques. Dr. Gayatri is an expert in the field of Positron Emission Tomography and has published research papers in high Impact Journals. She shared her rich experience by explaining the basic concepts involved in Molecular imaging, the usefulness of ‘Reporter genes’ in imaging and the application of bioluminescence in tracking viruses. She also enlightened the audience about Metabolic targets, Photoacoustic effect and Photoacoustic imaging. She finally touched upon the use of Antibiotics, the application of PET in patients- Imaging infection- associated- inflammation and concluded with remarks on Immune response of Covid patients.

The participants included students and faculty from Stella Maris College as well as from institutions across India and from foreign countries.

The feedback to the webinar was excellent as the participants reported themselves highly satisfied with the content and presentation of the webinar. Even those participants belonging to non-biology disciplines found the webinar extremely interesting. E-Certificates were issued for the participants at the end of the Webinar.

We thank the Management for giving us this opportunity to host a webinar on this important subject.