

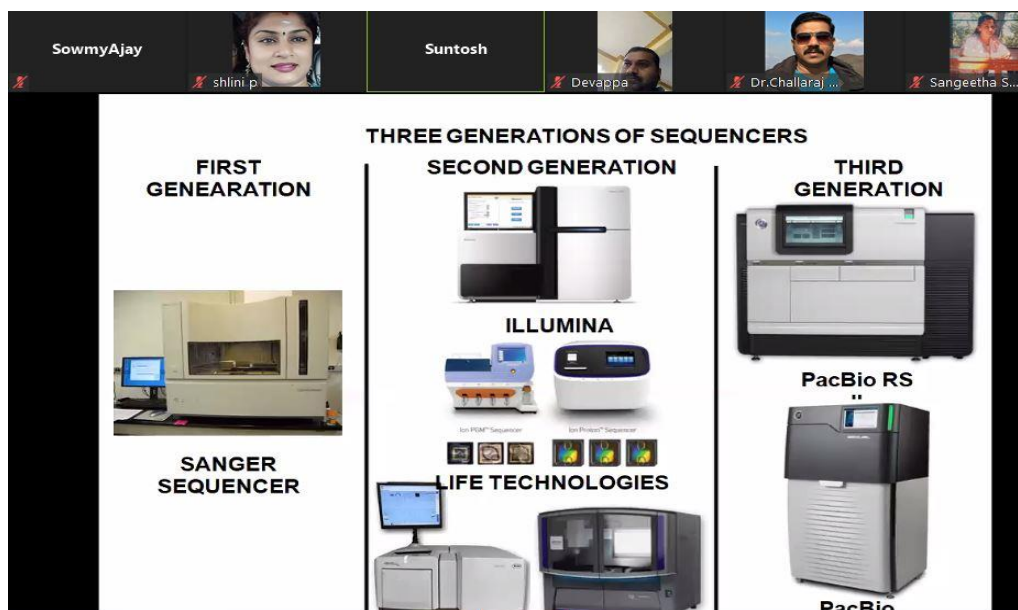
WEBINAR SERIES REPORT

The Department Of Biochemistry Organized the Webinar Series on “*Advances in Biochemistry and its Applications*” from 25th May 2020 – 28th May 2020. The program commenced with a prayer by Dr. Charmaine Jerome. Vice- Principal. Mount Carmel College, Autonomous.

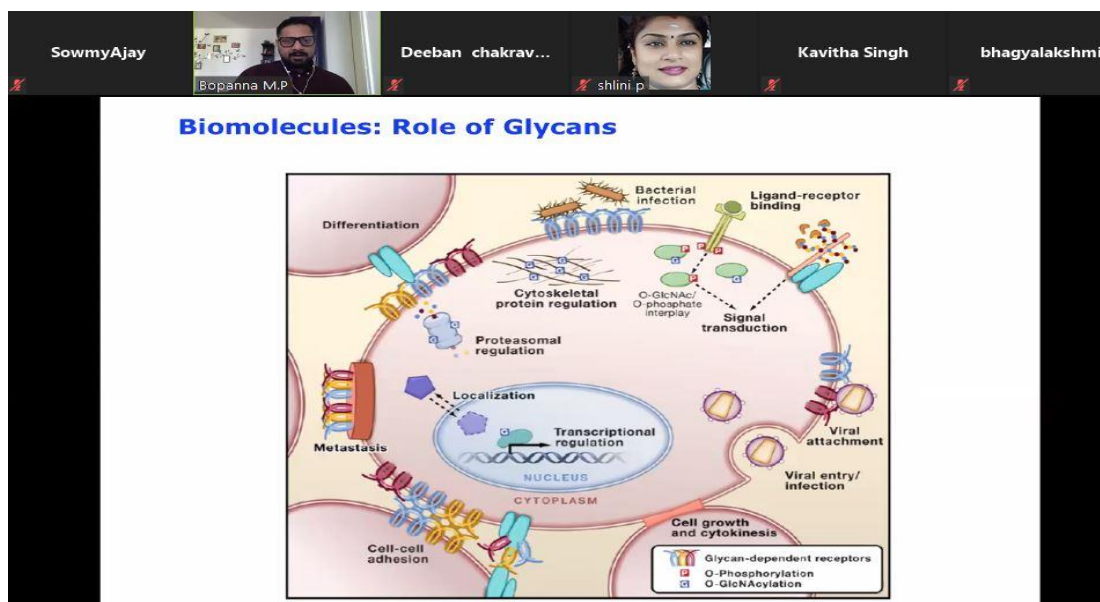


We had around 270 participants registered for the event both from India and abroad. Formally the webinar series started with a welcome address by Dr. Kavitha .G. Singh, who further read out the theme of the webinar series. The event was moderated by Dr. Shlini.P. Assistant Professor. Department of Biochemistry.

On Day 1: We had Mr. Santosh Prasad delivering a talk on "SMRT Sequencing". He was introduced to the participants by Dr. Shlini.P. The speaker emphasized on different generations of sequencing. He also spoke on the Bioearth Genome Sequencing project. Vote of thanks for the session was delivered by Dr. Myrene D'souza. Assistant Professor. Department of Biochemistry.

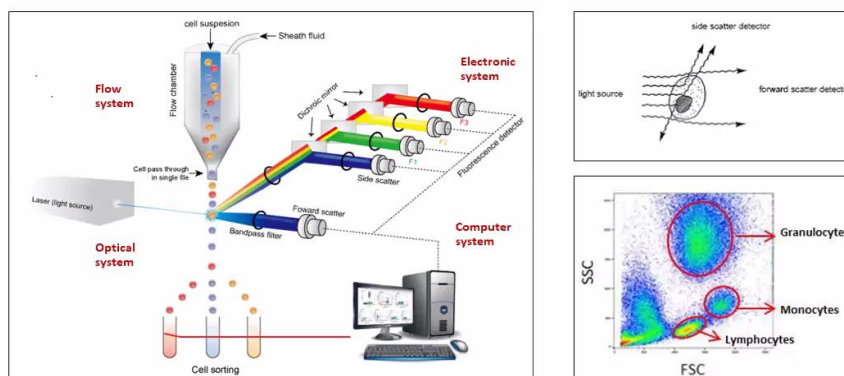


On Day 2: Dr. Bopanna M. P delivered a talk on “Carbohydrate vaccine and synthetic vaccine delivery systems”. He spoke on the role of a glycan molecule, its transport and therapeutic uses. The session was shared with Mr. Deeban Chakraborty representative of Europe India Youth Forum who enlightened the students about the openings and opportunities in Germany. Vote of thanks for the session was delivered by Dr.Vyshali Pingle. Assistant Professor. Department of Biochemistry.



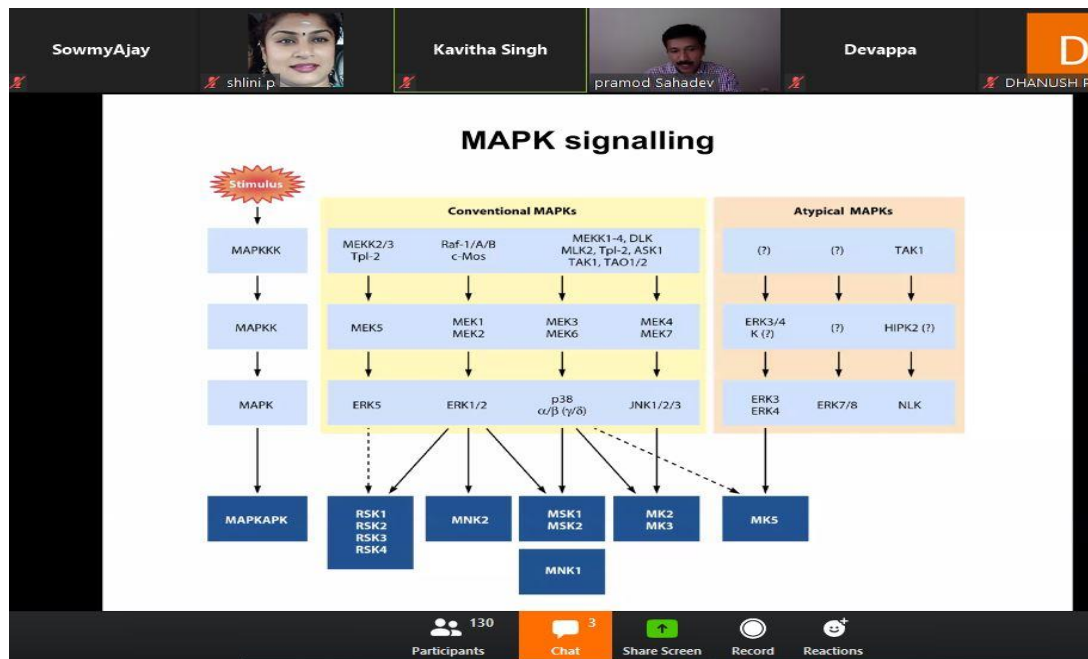
On Day 3: We had Dr. Charitha. G speak on “Flow CytometryTechnique For Diagnostics”. She gave a detailed view of the flow cytometer starting from the principle, instrumentation, applications and focussed more on the clinical usage of FACS in the current diagnostics. Vote of thanks for the session was delivered by Dr.Sowmyashree.G. Assistant Professor. Department of Biochemistry.

Components of Flow cytometry



Schematic of flow cytometry

On Day 4: Dr. Pramod Sahadevan was the speaker who spoke on “MAP Kinase activated protein kinase-5 (MK5) signaling in the heart and its role in cardiac fibroblast functions”. Sir spoke on the importance of each of the intermediate in the MAP kinase pathway and their relation with reference to MI. Vote of thanks for the session was delivered by Dr.Thilagavathy.A. Assistant Professor. Department of Biochemistry.



The four day webinar series came to an end with the concluding remarks by Dr. Kavitha .G. Singh. HOD Biochemistry. Formal Vote of thanks y Dr.Shlini.P.