



Department of Biochemistry

Online Symposium

Cellular & Molecular Biomarkers

Date: 14.05.22

An online Symposium was organized by Department of Biochemistry, All India Institute of Medical Sciences, Rajkot on 14th May 2022. The objective of this symposium was to provide an insight on the basics of molecular markers in Syndrome X and the significance and application of various biomarkers in screening & detection of newborn disorders of metabolic & endocrine origin.

There were 440 registrations via the google link shared from, not only from Gujarat state, but also from other states of the country, including delegates from various disciplines of medicine. The CME was conducted on virtual (Zoom) platform.

The event started with opening remarks by the Host of the event, Dr. Anita Motiani, Assistant Professor, Department of Biochemistry, AIIMS, Rajkot. Respected Prof. Dr. (Colonel) C D S Katoch, Executive Director, AIIMS, Rajkot inaugurated the Symposium and emphasized the importance of such programs and use of the various biomarkers in clinical diagnosis & screening of various neonatal and metabolic diseases.

The Moderator of the Symposium was Dr. Kamlesh Kumar Swami, Senior Professor & HOD, Biochemistry at C.U. Shah Medical College, Surendranagar. He introduced the first speaker of the session, Dr. Deepak Parchwani, Additional Professor & Head Department of Biochemistry, AIIMS, Rajkot. His topic was “ Syndrome X: Basics to molecular insights of Biomarkers” in which he discussed very precisely about the characteristic features of Syndrome X, Insulin resistance, various genetic influencers and markers associated with this syndrome.

The session was followed by a short Question & Answer session, in which sir answered the queries addressed to him. The second resource faculty, Dr. Kamlesh Palandurkar, Associate Professor, Department of Biochemistry, Institute of Medical Sciences, Banaras Hindu University, discussed about the topic “Screening & Detection of Treatable Metabolic & Endocrine disorder in Newborn”. He explained various metabolic diseases encountered commonly in newborn and various biomarkers specifically associated and tested in them. At the end, Question & Answer session followed which was answered by Dr. Kamlesh Palandurkar.

The organizing team of the Symposium consists of:

Dr. Deepak Parchwani (Additional Professor & Head, Department of Biochemistry)

Dr. Ragini Singh (Associate Professor)

Dr. Sagar Dholariya (Assistant Professor)

Dr. Anita Motiani (Assistant Professor)

Dr. Amit Sonagra (Assistant Professor)

Dr. Parth Chanv (Junior Resident)

Dr. Viral Sagathia (Junior Resident)

The supporting staff comprised of Mr. Chintan and other non-teaching staff of Department of Biochemistry who helped in making this event successful. Designing of personalized e-certificates and its delivery to the attending participants was looked after by organizing team and Supporting staff. The symposium was conducted as per the schedule and concluded with delivery of Vote of Thanks by Dr. Amit Sonagra.



Glimpse of The Symposium:



Inaugural remarks by Respected Executive Director Sir, Prof. Dr. (Col.) C D S Katoch



Organising committee with Respected Executive Director Sir, Prof. Dr.(Col.) C D S Katoch



*Dr. Kamlesh Kumar Swami,
Moderator of Symposium*



*Dr. Kamlesh Palandurkar,
Resource faculty*