

VIRTUAL SEMINAR ON BIOASSAY GUIDED PROBING OF PLANTS FOR THERAPEUTIC APPLICATION

[26/11/2021]

To celebrate 'Azadi Ka Amrit Mahotsav' a virtual seminar on 'Bioassay guided probing of plants for therapeutic application' was organized on 22nd July 2022 by Chemistry & Bioprospecting Division, Forest Research Institute (FRI), Dehradun. More than 100 participants including scientists, faculty, technical staff, and research scholars of the FRI and other organizations joined the programme. Inaugurating the event, the chief guest Dr. Renu Singh, Director, FRI, Dehradun stressed upon the need of exploring the plants guided by their bioassays owing to their ethnopharmacological significance and a rich chemical diversity for development of safe and effective pharmaceuticals. Convener of the programme Dr. S.S. Bisht, Scientist-E, Chemistry & Bioprospecting Division, FRI welcomed the gathering. Dr. Sandip B. Bharate, Senior Principal Scientist, CSIR-IIIM, Jammu shared his research on bioassay guided fractionation, isolation and identification of bioactive compounds for treatment of cancer from Indian white Cedar (*Dysoxylum binectariferum*). Dr Ravi Shankar, Senior Scientist, CSIR – IIM, Jammu presented his work on structure-activity relationship based synthesis of Andrographolide analogues for anticancer activity. Presenting missing links in herbal research, Dr P. V. Diwan, Research Director, Central Research Laboratory, Maratha Mandal Group of Institutions, Belgaum, Karnataka presented SWOT analysis of herbal drug development in the global context. Dr. H. R. Chitme, Professor of Pharmacology, Faculty of Pharmacy, DIT University, Dehradun shared systematic plan of pharmacological screening of plants for drug discovery and appraised about the network pharmacology. The seminar ended with the vote of thanks proposed by Dr. Vineet Kumar, Scientist-G, Chemistry & Bioprospecting Division, FRI, Dehradun.

