

OP31. FROM BENCH TO INDUSTRY AND BEYOND: MEDICINAL AND AROMATIC PLANT LABORATORY COMPLEX, BATI AKDENIZ AGRICULTURAL INSTITUTE

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Anatolia, the cradle of the civilizations, witness many culture. The interrelation between humankind and plant species being the elements that are part of the tradition. Furthermore the usage of flora, as food, medicines, spiritual therapies and for other applications shape the cultures sharply. Since the existence of mankind, the plants have met almost every need to sustainability of human survival. As civilizations evolve the knowledge about the plants also grow fastly. Humanbeing explore the way to identify, disseminate, and producing techniques about plants usage. So on the plants, its formulations and its bioactive compounds be part of the human life and as well es health practices. Moreover the area of research about the medicinal and aromatic plants expand day by day. Here in Anatolia, with in the location between Europe and Asia the crossroads of the Middle East, Balkans, Mediterranean basin, and Caucasus, the civilization of the many different culture is growth with the nature flora of more than 10000 medicinal and aromatic plants MAP. Via richness of the flora and with the aiming to meet the need on to enhance the MAP research, Medicinal and Aromatic Plant Laboratory was established via governmental support of Türkiye, in 2010. The reputation of construction the research facilities is to meet the need in the area research of MAP, and bridging the gap between basically the four and more related area such agriculture, health, economy and ecosystem. Since 2010 the main rooted mission is enliven with carry out scientific and practical researches in high grade, with identifying the plant materials which growth in nature flora, sample collection and usage practices of ethnobotanically usage plants, enhancing about the knowledge about the plant propagating and processing methods. Moreover make the plants, physical, chemical, microbiological, instrumental analysis, detection of the secondary metabolites of the plants and their biological activity and related study. In the last decades, the Medicinal and Aromatic Plant Laboratory and its researcher teams conducting many research projects in cooperation with national and international institutes and organizations, such as GEF, FAO, TUBITAK, TAGEM, EU, as well as MAP business firms globally and all stakeholders in the MAP area. As a Bati Akdeniz Agricultural Research Institute, Medicinal and Aromatic Plant Research complex researcher we believed that when every stakeholder take advantage of the research results of the MAP the country will develop more than ever and with this intentions we welcomed the globally cooperation with national and international research activities

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