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Research Interest

Natural Compounds and their Bioactivities for Drug Discovery

Biography

Associated Professor Thi Thao DO is the Head of Laboratory for Bioassay, Institute of Biotechnology, Vietnam Academy of Science and Technology (VAST). She is a physiologist as well as biomedical researcher focusing on discovering bioactivities of potential natural chemical agents. She has worked on thousands of herbal and traditional medicinal plants' extracts, fractions and pure compounds in order to discover and to look for active agents, which possess anticancer, antioxidant, antidiabetic, hepato-protective, antimalarial and anti-inflammatory activities. For the 5 recent years, TD has published more than 69 of SCIE papers encompassing various bioactivities, eg. anticancer, anti-arthritic, anti-inflammatory, hepato-protective properties of compounds isolated from Vietnamese natural resources. This has led to the development of several promising compounds as active ingredients in commercialized functional drug products or alternative drugs for cancer patients treatments such as VINDOXIM, VDK, Vietlife-Antican.