Based on more than fifty years of cumulative experience in the pharmaceutical industry and with international collaborations, Fundación MEDINA continues creating, improving and characterizing a high quality Natural Product Extract Collection for HTS Drug Discovery. This precious resource is open to worldwide discovery initiatives focused on novel therapeutic approaches and the clinical development of medicinal agents. Fundación MEDINA offers the scientific community an integrated solution for Natural Product Drug Discovery derived from a superbly diverse, laboratory-optimized and well-maintained microbiological arsenal resulting in a collection thoroughly annotated with chemical data. Fundación MEDINA's Natural Product Collections contain more than 120,000 extracts and cover an uncommonly unexplored broad chemical space resulting from a variety of fermentation products. The extensive characterization of their diverse microbial sources, the creation of specific modules enriched in antimicrobial activities, the use of innovative semi-automated methodologies for extraction and fractionation, as well as the characterization of their chemical diversities by mass spectrometry profiling, allows us to offer with these Collections, a superb source of potential new candidates for HTS Drug Discovery.

Biography

J R Tormo is Associate Area Head of Chemistry & Collection Manager at Fundación MEDINA, where he is leading the creation and management of the microbial and plants Natural Products Libraries and coordinates different Research Projects for Drug Discovery for new anti-infectives. Finished his PhD studies in the Faculty of Pharmacy of the University of Valencia in 2000, presents more than fifteen years of cumulative R&D experience including the management of multidisciplinary teams in international (Research Fellow at Merck & Co) and Spanish (R&D Director at ValentaBioPharma) Biotech and Pharma companies.

jose.tormo@medinaandalucia.es