



Davis Winkler has an unusually broad formal training in chemistry, physics, chemical engineering, and radioastronomy. He is a Professor of Biochemistry & Chemistry at La Trobe Institute for Molecular Science at La Trobe University, an adjunct Professor of Medicinal Chemistry at the Monash Institute for Pharmaceutical Sciences, and a visiting Professor in Pharmacy at the University of Nottingham. He previously spent over 30 years at CSIRO applying computational chemistry, AI, and machine learning methods to the design of drugs, agrochemicals, nanomaterials, and biomaterials. He is ranked 136th out of 100,000 medicinal chemists (Stanford 2023). He has authored over 250 refereed journal articles and book chapters (6 that are ISI Highly Cited), has an H index of 62 (GS), and is an inventor on 25 filed patents. He has provided key IP for three biotech startup companies. His awards include the CSIRO Medal for Business Excellence, RACI's Adrien Albert award for medicinal chemistry and a Distinguished Fellowship, the ACS Herman Skolnik award for excellence in cheminformatics, a Royal Academy of Engineering (UK) Distinguished Fellowship (bioengineering) and the AMMA Medal (molecular design). He is past President of the Federation of Asian Chemical Societies (FACS) and the Asian Federation for Medicinal Chemistry (AFMC), and past Chairman and Director of the RACI Board.